

1. Record Nr.	UNINA9910703446903321
Titolo	Great Basin Native Plant Selection and Increase Project ... progress report
Pubbl/distr/stampa	[Fort Collins, Colo.] : , : USDA Forest Service, Rocky Mountain Research Station Boise, ID : , : USDI Bureau of Land Management, , [2002]-2013
Descrizione fisica	1 online resource (11 volumes) : color illustrations
Disciplina	580
Soggetti	Endemic plants - Propagation - Great Basin Endemic plants - Conservation - Great Basin Plant conservation - Great Basin Plant communities - Great Basin Restoration ecology - Great Basin Plant communities Plant conservation Research Restoration ecology Periodicals. United States Great Basin
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico

2. Record Nr.	UNINA9910973775103321
Titolo	Competitive electricity markets : design, implementation, performance // edited by Fereidoon P. Sioshansi
Pubbl/distr/stampa	Amsterdam ; ; London, : Elsevier, 2008
ISBN	9786611172183 9781281172181 1281172189 9780080557717 0080557716
Descrizione fisica	1 online resource (625 p.)
Collana	Elsevier Global Energy Policy and Economics Series
Altri autori (Persone)	SioshansiFereidoon P (Fereidoon Perry)
Disciplina	333.7932
Soggetti	Electric utilities - Management Electric power - Marketing Competition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Competitive Electricity Markets: Design, Implementation, Performance; Copyright Page; Table of Contents; Contributors; Foreword: Liberalization and Regulation in Electricity Systems - How can We get the Balance Right?; Preface: Competition and Long-Term Dimensions of Electricity Supply; Introduction: Electricity Market Reform - Progress and Remaining Challenges; PART I: Market Reform Evolution; Chapter 1. Reevaluation of Vertical Integration and Unbundling in Restructured Electricity Markets; Summary; 1.1. Introduction; 1.2. The Historical Motives for Vertical Integration 1.3. The Case Now for Liberalized Markets1.4. The Unsolved Problems of Liberalized Markets; 1.5. The Allocation of Risk Bearing in Liberalized Markets; 1.6. Conclusions; Acknowledgment; References; Chapter 2. Hybrid Electricity Markets: The Problem of Explaining Different Patterns of Restructuring; Summary; 2.1. Introduction; 2.2. The Institutional Setting for Restructuring; 2.3. Hybrid Markets and Patterns of Restructuring; 2.4. Analysis; 2.5. Conclusions; References; Chapter 3. Achieving Electricity Market Integration in Europe; Summary;

3.1. Introduction; 3.2. Contextual Setting
3.3. European Commission Initiatives
3.4. Removing Barriers to Market Harmonization; 3.5. Establishing the "Western" Regional Market; 3.6. Conclusions; PART II: Market Performance, Monitoring and Demand Participation; Chapter 4. Transmission Markets, Congestion Management, and Investment; Summary; 4.1. Introduction; 4.2. Evolution of Transmission Organizations and Structures; 4.3. Approaches for Transmission Markets; 4.4. Congestion Metrics; 4.5. Financial Transmission Rights; 4.6. Transmission Investment; 4.7. Conclusions; 4.8. Acknowledgment; References
Chapter 5. The Design of US Wholesale Energy and Ancillary Service Auction Markets: Theory and Practice
Summary; 5.1. Introduction; 5.2. The Development of Wholesale Energy Auction Market Designs; 5.3. The Day-Ahead Market; 5.4. The Reliability Unit Commitment; 5.5. Real-Time Market; 5.6. The Revenue Sufficiency Guarantee; 5.7. Pricing and Settlement of Marginal Congestion and Losses; 5.8. Market Power Monitoring and Mitigation; 5.9. Other Topics in ISO Market Design and Implementation; 5.10. Extensions of the Market Design; 5.11. Conclusions
5A. Appendix: Mathematical Formulation of the Auction Examples
Acknowledgment; References; Chapter 6. The Cost of Anarchy in Self-Commitment-Based Electricity Markets; Summary; 6.1. Introduction; 6.2. Centralized versus Decentralized Markets; 6.3. Comparison of Centrally and Self-Committed Markets; 6.4. Conclusions; 6A. Appendix; References; Chapter 7. Market Power and Market Monitoring; Summary; 7.1. Introduction; 7.2. Market Power in Electricity Markets; 7.3. Market monitoring; 7.4. Conclusions; Acknowledgment; 7A. Appendix; References; Chapter 8. Demand Participation in Restructured Markets
Summary

Sommario/riassunto

After 2 decades, policymakers and regulators agree that electricity market reform, liberalization and privatization remains partly art. Moreover, the international experience suggests that in nearly all cases, initial market reform leads to unintended consequences or introduces new risks, which must be addressed in subsequent "reform of the reforms." This volume describes the evolution of the market reform process including a number of challenging issues such as infrastructure investment, resource adequacy, capacity and demand participation, market power, distributed generation, renewable ener
