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Technologies -- Wind Power -- Chapter 6 The Other Energy Markets -- Biomass Energy Markets -- Nuclear Power -- Nuclear Power Market -- Hydro Power -- Ocean Energy -- Geothermal Power -- Bio-Mass -- Bio-Fuel -- Energy Efficiency -- Chapter 7 Electricity and Transportation Markets -- Electric Power Markets -- Electric Power Generation -- Electric Power Distribution -- Electricity Markets -- Transportation Markets -- Chapter 8 Peripheral Energy Markets -- Politics and Regulation -- U.S. Government and Energy -- Legal Energy Markets -- Financial Aspects -- Insurance -- Equipment Manufacturing -- Energy Security -- Energy Efficiency -- Energy Storage Markets -- Smart Grid Markets -- Specialty Materials and Products -- Contracting and Consulting Services -- Energy Infrastructure -- Waste Storage, Disposal, and Reuse -- Decommissioning Services -- Environmental Services -- Chapter 9 Energy Markets' Risks -- Energy Security. Environmental Risks -- Natural Risks -- Man-made Risks -- Internal Risks -- Chapter 10 Energy Markets' Future -- Natural Gas -- Crude Oil -- Nuclear Power -- Hydropower -- Wind Power -- Solar Power -- Solar Growing Pains -- Solar's Future -- The Renewables' Future -- Energy Storage -- Global Energy Economy -- The New Energy Reality -- The Future Energy Alternatives -- Our Future Environment -- Abbreviations -- Appendix Abbreviations and Glossary -- Abbreviations -- Glossary of Terms -- Index.

Sommario/riassunto

As discussed in this text, countries with excess energy resources export these to countries that need them. This is an important function of the global energy markets, where energy sources, products and services are traded among countries and companies. While this is the primary activity in energy markets, it is only part of the entire global energy market scheme. The goal of this text is to analyze all sides of the energy markets in their physical, technological, economic, political, regulatory, environmental, financial, and legal aspects.
