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Nota di contenuto	Managing Energy Risk; Contents; Preface; Acknowledgements; 1 Energy Markets; 1.1 Energy Trading; 1.1.1 Spot Market; 1.1.2 Forwards and Futures; 1.1.3 Commodity Swaps; 1.1.4 Options; 1.1.5 Delivery Terms; 1.2 The Oil Market; 1.2.1 Consumption, Production and Reserves; 1.2.2 Crude Oil Trading; 1.2.3 Refined Oil Products; 1.3 The Natural Gas Market; 1.3.1 Consumption, Production and Reserves; 1.3.2 Natural Gas Trading; 1.3.3 Liquefied Natural Gas; 1.4 The Coal Market; 1.4.1 Consumption, Production and Reserves; 1.4.2 Coal Trading; 1.4.3 Freight; 1.5 The Electricity Market 1.5.1 Consumption and Production 1.5.2 Electricity Trading; 1.5.3 Electricity Exchanges; 1.6 The Emissions Market; 1.6.1 Kyoto Protocol; 1.6.2 EU Emissions Trading Scheme; 1.6.3 Flexible Mechanisms; 1.6.4 Products and Marketplaces; 1.6.5 Other Emissions Trading Schemes; 2 Renewable Energy; 2.1 The Role of Renewable Energy in Electricity Generation; 2.1.1 Historical Development; 2.1.2 Political Targets; 2.1.3 Forecasts; 2.2 The Role of Liquid Biofuels in the Transportation Sector; 2.3 Renewable Energy Technologies; 2.3.1 Hydropower; 2.3.2 Wind Power; 2.3.3 Solar Energy; 2.3.4 Geothermal Energy 2.3.5 Bioenergy 2.3.6 Not Widespread Renewable Energies; 2.4 Support

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Sommario/riassunto

Managing Energy Risk is a practical guide to using modern techniques in financial mathematics for trading energy. Following the successful first edition of the book, this second edition catches up with significant developments of energy markets over the last years and contains plenty of new material especially on gas markets and renewable energy. Taking a multi-commodity view on the energy markets, addressing electricity, gas, coal, oil and CO₂ emissions and explaining their fundamental relations, this book is a comprehensive overview of the energy markets and their products explainin
