1. Record Nr. UNINA9910822620103321 Autore **Burger Markus** Titolo Managing energy risk: a practical guide for risk management in power, gas and other energy markets / / Markus Burger, Bernhard Graeber, Gero Schindlmayr Pubbl/distr/stampa Chichester, England:,: Wiley,, 2014 ©2014 **ISBN** 1-118-61850-5 1-118-61858-0 1-118-61862-9 Edizione [Second edition.] Descrizione fisica 1 online resource (451 p.) Wiley Finance Series Collana Disciplina 333.79 Soggetti Energy industries - Risk management Lingua di pubblicazione **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Revised edition of the authors' Managing energy risk: an integrated view on power and other energy markets, published in 2007. Includes bibliographical references and index. Nota di bibliografia 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

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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