Record Nr. UNINA9910789069803321 **Titolo** The international energy experience [[electronic resource]]: markets, regulation and the environment / / editors: G. MacKerron, P. Pearson Pubbl/distr/stampa London, : Imperial College Press, 2000 **ISBN** 1-84816-029-1 1 online resource (389 p.) Descrizione fisica Altri autori (Persone) MacKerronG (Gordon) PearsonPeter <1946-> 333.79 Disciplina 333.790941 Soggetti **Energy conservation** Energy policy **Energy industries** Power resources Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto FOREWORD; CONTENTS; INTRODUCTION; SECTION 1 - WORLD MARKETS; Chapter 1: World energy markets: trends & changes; FIGURES; Figure 1.1: World energy demand exc. FSU; Figure 1.2: FSU energy demand; Figure 1.3: World primary energy consumption: regional shares; Figure 1.4: Fuel shares of total energy; Figure 1.5: Energy consumption growth by fuel 1986-96 (Exc. FSU); Figure 1.6: Oil supply growth 1986-96; Figure 1.7: Gas supply growth 1986-96; Figure 1.8: Coal supply growth 1986-96; Figure 1.9: Nuclear growth; Figure 1.10: Hydro supply growth 1986-96; Figure 1.11: Real energy price trends 1986-96 Figure 1.12: CO2 emissionsFigure 1.13: Asian economic growth 1998; Figure 1.14: Oil price range 1988-1999 (excluding Gulf War); Figure 1.15: Energy resources - 1996 reserve to production ratios based upon proved reserves; Figure 1.16: Oil production costs; Figure 1.17: Future

of FSU energy exports; SECTION 2 - NATIONAL STUDIES OF ENERGY STRUCTURE AND REFORM; Chapter 2: Britain's regulatory regime in perspective; Chapter 3: Liberalising the Spanish electricity market: can competition work?; TABLES; Table 3.1: Capacity (1996) and generation

by fuel type (1987-96)

Table 3.2: Sector shares of Spanish electricity companies (1996)Table 3.3: Concentration in the Spanish and British electricity industry; Table 3.4: Interconnectors with France in Spain and Britain; Chapter 4: The electricity supply industry in Poland: the new legal framework and privatisation; Chapter 5: Electricity competition regulation and the environment - an assessment of the Australian approach; Figure 5.1: Daily time weighted average spot prices 1 Jan and 30 Sep 1997; Chapter 6: Regulating energy in federal transition economies: the case of China

Figure 6.1: Schematic and simplified summary of the regulatory structure of state enterprises in China before the reforms announced in March 1998 (modified from Lu 1996). This diagram ignores the role of the Communist Party and the Military. Solid lines indicate a stronger relationship and dashed lines a weaker relationship Table 6.1: Selected symptoms of deficient regulation in China's energy industries; SECTION 3 - ELECTRICITY AND GAS: MARKETS AND REGULATION; Chapter 7: Wholesale trading arrangement: competing options for Europe Figure 7.1: Daily average primary electricity market prices: 22/9/97 -23/9/98Chapter 8: Regulation policy and competitive process in the UK contract gas market: a theoretical analysis; Figure 8.1: Price of British Gas and non-British Gas; Figure 8.2: Average prices of 7 main gas suppliers 1990-96; Figure 8.3: Incumbent's and entrant's reaction functions: Figure 8.4: Outputs of British Gas (BG) and non-British Gas (NBG); Figure 8.5: Output of 7 main gas suppliers 1990-1996; Figure 8.6: BG's market share 1990-1996; Table 8.1: BG's share in the competitive market 1990-96

Chapter 9: ""Regulatory sparks about to fly? "" The electricity generation industry

Sommario/riassunto

How far can energy markets be free as well as competitive? What do low oil prices mean for the oil industry and other energy markets? How can economic efficiency in the energy industries be reconciled with environmental protection? How far is the UK model of liberalising electricity and gas industries being applied elsewhere in the world and how is it faring, at home and abroad? These are typical questions addressed in this collection of articles written by an international group of economists. Edited by the leaders of the two leading UK academic centres of energy economics, the book demonstra