

1. Record Nr.	UNINA9910454412203321
Titolo	Sustainable energy in China [[electronic resource]] : the closing window of opportunity / / Nouredine Berrah ... [et al.]
Pubbl/distr/stampa	Washington, DC, : World Bank, c2007
ISBN	1-280-76577-1 9786610765775 0-8213-6754-4
Descrizione fisica	1 online resource (331 p.)
Collana	Directions in development. Energy and mining
Altri autori (Persone)	BerrahNouredine
Disciplina	333.790951
Soggetti	Energy industries - Environmental aspects - China Energy policy - Environmental aspects - China Energy development - Environmental aspects - China Electronic books.
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	Contents; Foreword; Foreword; Foreword; Preface; About the Authors; Acknowledgments; Acronyms and Abbreviations; Executive Summary; Chapter 1 Introduction; Boxes; Chapter 2 China's Energy Future: The Challenge of Recent Trends; Tables; Figures; Chapter 3 Reining in Future Energy Consumption; Chapter 4 Greening the Energy Sector; Chapter 5 Securing Energy Supply; Chapter 6 Getting the Fundamentals Right; Chapter 7 Shaping the Future toward Sustainability; Appendix A Gross Domestic Product and Energy Consumption in China, 1980-2005; Appendix B Biomass Energy Use in China Appendix C The Chinese System for Energy Statistics: History, Current Situation, and Ways to Improve the System Appendix D Energy Costs as a Proportion of Gross Domestic Product: Estimates for China, Japan, and the United States; Appendix E Feedback from the Dissemination Workshop; Appendix F Life-Cycle Costs of Electricity Generation Alternatives with Environmental Costs Factored In; Appendix G International Experience of Insecurity of Energy Supply; Appendix H Strategic Oil Reserves for China Appendix I Predominant Approaches for Setting Regulated Tariffs for

Gas and Electricity Transmission and Distribution Appendix J Lessons from International Experience: Relevant Examples of Losses Derived from Unsound Energy Pricing; Appendix K Gas Price Formation and Gas Subsector Reform; Appendix L Pricing System to Support Adequate Implementation of State Council Document No. 5 on Power Subsector Reform; Index

Sommario/riassunto

This timely new book uses historical data from 1980 and alternative scenarios through 2020 to assess China's future energy requirements and the resources available to meet them. Current trends are putting China on an unsustainable and insecure energy growth path, characterized by the use of enormous quantities of "dirty" coal and an alarming oil import dependence. The authors find that what is urgently needed is a high-level commitment to an integrated, coordinated, and comprehensive policy that is set in the framework of the energy law currently being prepared.
