Record Nr. UNINA9910453027203321 Energy 2050: making the transition to a secure low carbon energy **Titolo** system / / edited by Jim Skea, Paul Ekins and Mark Winskel Pubbl/distr/stampa Washington, D.C.:,: Earthscan,, 2011 **ISBN** 1-283-57825-5 9786613890702 1-136-53999-9 1-84977-531-1 1-136-53998-0 Descrizione fisica 1 online resource (409 p.) Altri autori (Persone) **EkinsPaul** SkeaJim WinskelMark Disciplina 333.790941 Soggetti Energy policy - Great Britain Climatic changes - Government policy - Great Britain Environmental policy - Great Britain Power resources - Great Britain National security - Great Britain 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 Energy 2050 Making the Transition to a Secure Low Carbon Energy System: Copyright: Contents: List of Figures: List of Tables: List of Contributors; Acknowledgements; Acronyms and Abbreviations; Conversion Matrix; 1 Introduction; The long-term challenge of secure low carbon energy; Thinking about energy futures; How the book was written; Structure of the book; 2 UK Energy in an Era of Globalization: Trends, Technologies and Environmental Impacts; Introduction; Longterm energy trends; Final energy demand; How energy is used; Future energy demand technologies; Primary energy demand Trends in electricity generationFuture electricity generation

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Sommario/riassunto

The United Kingdom is committed to reducing its greenhouse gas emissions by at least 80% by 2050, a target that will only be achieved by transforming the way that energy is supplied and used. At the same time there are anxieties about the security of energy provision in terms of European dependency on natural gas and the reliability of electricity supply. This book explores in detail those factors which could help or hinder the attainment of the UK's climate change targets, and how these factors interact with the parallel objective of maintaining a robust and secure energy system. The book is