

1. Record Nr.	UNINA9910464545803321
Autore	Fanchi John R
Titolo	Energy in the 21st century [[electronic resource] /] / John R. Fanchi with Christopher J. Fanchi
Pubbl/distr/stampa	Singapore ; ; Hackensack, N.J., : World Scientific Pub. Co., 2011
ISBN	1-283-14496-4 9786613144966 981-4322-05-9
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (380 p.)
Altri autori (Persone)	FanchiChristopher J
Disciplina	333.79 621.042
Soggetti	Power resources Energy development 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	Preface to the Second Edition; Preface to the First Edition; CONTENTS; About the Authors; 1 A Brief History of Energy Consumption; 2 Fossil Energy - Coal; 3 Fossil Energy - Oil and Gas; 4 Peak Oil; 5 Nuclear Energy; 6 Renewable Energy - Solar Energy; 7 Renewable Energy - Wind Energy; 8 Renewable Energy - Energy from Water; 9 Renewable Energy - Bioenergy and Synfuels; 10 Energy Carrier, Energy Storage and Hybrid Energy Systems; 11 Electricity Generation and Distribution; 12 Energy Economics; 13 Future Issues - Geopolitics of Energy; 14 Future Issues - Energy Forecasts; Appendix A; Appendix B Appendix CReferences; Index
Sommario/riassunto	Energy may be the most important factor that will influence the shape of society in the 21st century. The cost and availability of energy significantly impacts our quality of life, the health of national economies, the relationships between nations, and the stability of our environment. What kind of energy do we want to use in our future? Will there be enough? What will be the consequences of our decisions? Everyone has a stake in the answers to these questions and the decisions that are being made to provide energy. ""Energy in the 21st

Century", in its second edition, examines the energy so

---