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Livello bibliografico	Monografia
Note generali	Previously issued in print: London: Fairmont, 2010. <P>Chapter 1 How the Energy Mix is Changing Chapter 2 Green Power Trends Chapter 3 Building Trends Chapter 4 Fuel Sources Chapter 5 Conservation and Automation Trends Chapter 6 Environmental Mitigation Chapter 7 Grid Integration and Transmission Chapter 8 The Future for Renewable</P>
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	""Table of Contents""; ""Preface""; ""Chapter 1 How the Energy Mix is Changing""; ""Chapter 2 Green Power Trends""; ""Chapter 3 Building Trends""; ""Chapter 4 Fuel Sources""; ""Chapter 5 Conservation and Automation Trends""; ""Chapter 6 Environmental Mitigation""; ""Chapter 7 Grid Integration and Transmission""; ""Chapter 8 The Future for Renewables""; ""Index""
Sommario/riassunto	The use of energy is being shaped by environmental issues including the fear of global warming. This has resulted in the development of renewable energy sources and more efficient building technology.

Examining trends in energy efficiency, this book explores energy technologies and fuels, their prospects in a world with greenhouse gas restrictions. It looks at the technical and economic tradeoffs of traditional renewables such as wind and solar, as well as large scale PV and concentrated thermal power. It also considers biomass technologies. For each of these technologies, it discusses planning, siting, installation, operation and maintenance, health and safety, power conditioning, and efficiency innovations.

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