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Nota di contenuto	General Overview -- The Current Situation and Perspectives on the Use of Renewable Energy Sources for Electricity Generation -- The Current Situation and Perspectives on the Use of Hydropower for Electricity Generation -- The Current Situation and Perspectives on the Use of Solar Energy for Electricity Generation -- The Current Situation and Perspectives on the Use of Wind Energy for Electricity Generation -- The Current Situation and Perspectives on the Use of Geothermal Energy for Electricity Generation -- The Current Situation and Perspectives on the Use of Biomass for Electricity Generation -- The Current Situation and Perspectives on the Use of Nuclear Energy for Electricity Generation -- Conclusion.

The present book maximizes reader insights into the current and future roles to be played by different types of renewable energy sources and nuclear energy for the purpose of electricity generation in the European region as a whole, and in a select group of European countries specifically. This book includes detailed analysis of the different types of renewable energy sources available in different European countries; the pros and cons of the use of the different types of renewables and nuclear energy for electricity generation; which energy options are available in the different European countries to expand their energy sector in the coming years; the impact on the climate and the environment; levels of production and consumption and the level of electricity generated by these energy sources, amongst others. Designed to inform government officials, economists, scientists and the private and public power industry of the key issues surrounding the future role of different renewable energy sources and nuclear energy in the production of electricity within the European region, this book will also describe in detail the evolution of the electrical energy sector in the chosen European region and the problems that several countries are now experiencing in the face of increasing demand for electricity.

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