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Sommario/riassunto

Maximizing reader insights into the current use of conventional energy sources (such as fossil fuels) in the generation of electricity in the European region, this book addresses several key issues including: potential ways European countries could expand their energy sector in the coming years; the impact on the climate, the level of energy reserves, different efficiency measures that could be adopted to reduce the consumption of fossil fuels in the generation of electricity, and current and future energy production and consumption trends, amongst other topics. Covering both how the use of fossil fuels for the generation of electricity can be reduced, and how to increase the current level of participation of those energy sources with a minimum negative impact on the environment in the energy balance of the different European countries, this book describes the main economic aspects related to the use of conventional energy sources for electricity generation and provides information on possible regional energy integration mechanisms and their potential impact on the generation of electricity. 'Electrical Energy Generation in Europe' is designed as a useful tool for government officials, energy experts, and the private and public power industry, among others, during the preparation of future energy plans and in the identification of the possible role that the different types of conventional energy sources available in the region could play in the production of electricity during the coming

decades. The book is also suitable for use as teaching material in pre-graduated and post-graduate studies on the use of different types of conventional energy sources for electricity production within different European countries.
