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Sommario/riassunto	This book reviews China's progress in non-fossil fuel power generation, focusing on hydropower, solar, wind, nuclear, and biomass energy. It covers technological innovations, policy directions, and challenges. It is divided into two parts: the first part discusses the policy environment and energy sustainability, while the second part details various non-fossil fuel technologies and case studies. It provides valuable insights for practitioners, researchers, and readers interested in sustainable development.