today, as well as some closely allied technologies such as energy storage. The book opens by setting the many power generation technologies in the context of global energy consumption, the development of the electricity generation industry and the economics involved in this sector. A series of chapters are devoted to assessing the environmental and economic impact of a single technology, including conventional technologies, nuclear and renewable (such as solar, wind and hydropower). The technologies are presented in an easily digestible form. Different power generation technologies have different greenhouse gas emissions and the link between greenhouse gases and global warming is a highly topical environmental and political issue. With developed nations worldwide looking to reduce their emissions of carbon dioxide, it is becoming increasingly important to explore the effectiveness of a mix of different power generation systems.

World Energy Resources is an introductory text which surveys the development of electricity generation and its future. It is not intended to be comprehensive but rather to provide a broad overview of the key issues and technologies involved. The book is divided into four parts:

1. The global energy situation
2. Power systems and technologies
3. Energy efficiency
4. Energy resources


The book provides a comprehensive overview of the key issues and technologies involved in electricity generation. It is an excellent resource for students, researchers, and professionals working in the field of energy. The book is well-organized and easy to read, with a good balance of technical information and practical guidance. It is also an excellent resource for policymakers and decision-makers who need to understand the key issues and technologies involved in electricity generation.