Part 1 Energy services

1. Energy services: concepts, applications and historical background

Abdeen Mustafa Omer

Part 2 Energy financing schemas

2. The promotion of renewable energy communities in the

European Union

Theodoros G. Iliopoulos

3. Financial schemes for energy efficiency projects: lessons learnt

from in-country demonstrations

Charikleia Karakosta, Aikaterini Papapostolou, George Vasileiou

and John Psarras

Part 3 Energy systems in buildings

4. Energy in buildings and districts

Jacopo Vivian

5. Renewable energy integration as an alternative to the traditional

ground-source heat pump system

Cristina Sa'ez Bla'zquez, David Borge-Diez, Ignacio Marti'n Nieto,

Arturo Farfa'n Martı'n and Diego Gonza'lez-Aguilera

6. Energy-saving strategies on university campus buildings: Covenant

University as case study

Sunday O. Oyedepo, Emmanuel G. Anifowose, Elizabeth O. Obembe and Shoaib Khanmohamadi

7. Energy conversion systems and Energy storage systems

Jian Zhang, Heejin Cho and Pedro J. Mago

8. Energy systems in buildings

Getu Hailu

Part 4 Energy efficiency in industrial sector

9. Energy efficiency and renewable energy sources for industrial sector

Kamil Kaygusuz

10. Energy efficiency in tourism sector: eco-innovation measures and

energy

Sa'nchez-Ollero Jose'-Luis, Sa'nchez-Cubo Francisco,

Sa'nchez-Rivas Garcı'a Javier and Pablo-Romero-Gil-Delgado Marı'a

Part 5 Energy services markets: development

and status quo

11. Energy service markets: status quo and development

Marc Ringel

12. Worldwide trends in energy market research

Esther Salmero 'n-Manzano, Alfredo Alcayde

and Francisco Manzano-Agugliaro

13. Which aspects may prevent the development of energy service

companies? The impact of barriers and country-specific

conditions in different regions_

Marina Yesica Recalde