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Control and Load Management; 6.4 Development of Models for Controls; 6.5 Conclusion; References; Chapter 6: Load Matching, Grid Interaction, and Advanced Control; 7.1 Introduction; 7.2 EcoTerra; 7.3 Leaf House; 7.4 NREL RSF; 7.5 Enerpos; 7.6 Conclusions; Acknowledgment; References; Chapter 7: Net ZEB Case Studies; 8.1 Net ZEB Modeling, Design, and Simulation; 8.2 Future Directions and Research Needs; Chapter 8: Conclusion, Research Needs, and Future Directions; Glossary; Index; EULA

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## Sommario/riassunto

Building energy design is currently going through a period of major changes. One key factor of this is the adoption of net-zero energy as a long term goal for new buildings in most developed countries. To achieve this goal a lot of research is needed to accumulate knowledge and to utilize it in practical applications. In this book, accomplished international experts present advanced modeling techniques as well as in-depth case studies in order to aid designers in optimally using simulation tools for net-zero energy building design. The strategies and technologies discussed in this book are, however, al

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