1. Record Nr. UNINA9910792598303321

Autore	Harvey Leslie Daryl Danny <1956->
Titolo	Energy and the new reality . 1 Energy efficiency and the demand for energy services [[electronic resource] /] / L.D. Danny Harvey
Pubbl/distr/stampa	London ; ; Sterling, VA, : Earthscan, 2010
ISBN	1-136-54271-X 1-282-61737-0 9786612617379 1-84977-491-9
Descrizione fisica	1 online resource (673 p.)
Disciplina	333.79
Soggetti	Energy conservation Energy consumption Climatic changes - Prevention
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; List of Figures, Tables and Boxes; Preface; Online Supplemental Material; Acknowledgements; Chapter Highlights; List of Abbreviations; Chapter 1 Prospective Climatic Change, Impacts and Constraints; Chapter 2 Energy Basics, Usage Patterns and Trends, and Related Greenhouse Gas and Pollutant Emissions; Chapter 3 Generation of Electricity from Fossil Fuels; Chapter 4 Energy Use in Buildings; Chapter 5 Transportation Energy Use; Chapter 6 Industrial Energy Use; Chapter 7 Agricultural and Food System Energy Use; Chapter 8 Municipal Services; Chapter 9 Community-Integrated Energy Systems Chapter 10 Energy Demand ScenariosChapter 11 Policies to Reduce the Demand for Energy; Appendices; References; Index
Sommario/riassunto	Reducing and managing humanity's demand for energy is a fundamental part of the effort to mitigate climate change. In this, the most comprehensive textbook ever written on the subject, L.D. Danny Harvey lays out the theory and practice of how things must change if we are to meet our energy needs sustainably. The book begins with a succinct summary of the scientific basis for concern over global warming, then outlines energy basics and current patterns and trends

in energy use. This is followed by a discussion of current and advanced technologies for the generation of electricity from fossil fu