

1. Record Nr.	UNINA9910149408603321
Autore	McNabb David E.
Titolo	Public utilities : old problems, new challenges // David E. McNabb
Pubbl/distr/stampa	Cheltenham, England : , : Edward Elgar Publishing, , 2016 ©2016
ISBN	1-78536-553-3
Edizione	[Second edition.]
Descrizione fisica	1 online resource (505 pages) : illustrations, tables
Disciplina	363.6
Soggetti	Public utilities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I. Public utilities: old problems -- 1. Public utilities: essential services, critical infrastructure -- 2. Public utility policy issues -- 3. Public utility regulatory environment -- Part II. Sectors of the public utility industry -- 4. Electric energy utilities -- 5. Natural gas utilities -- 6. Water and wastewater utilities -- 7. Solid waste collection and disposal utilities -- 8. Public transit utilities -- Part III. Public utility function challenges -- 9. Public utility finance -- 10. Public utility pricing and rate setting -- 11. Public utility marketing -- 12. Public utility information systems -- Part IV. Public utility management and operations challenges -- 13. Public utility governance -- 14. Public utility management -- 15. Public utility operations, maintenance and planning -- 16. Managing the public utility workforce -- 17. Public utility management ethics -- Part V. Public utilities: new challenges -- 18. Public utility environmental challenges -- 19. Public utility physical and cybersecurity challenges -- 20. Sustainability: the core challenge facing public utilities -- Bibliography -- Glossary and useful definitions -- Index.
Sommario/riassunto	A thoroughly updated introduction to the current issues and challenges facing managers and administrators in the investor and publicly owned utility industry, this engaging volume addresses management concerns in five sectors of the utility industry: electric power, natural gas, water, wastewater systems and public transit. Beginning with a brief overview of the historical development of the industry, the author examines

policy issues including the consequences of dealing with deteriorating infrastructure, an aging workforce, climate warming, funding for repair and replacement of facilities and the demands for meeting the needs of a growing population. In addition to reviewing issues related to various management tasks, he includes chapters on physical and cyber threats and management ethics, liberally laced with real-life examples of utilities' dealings with these challenges. Many tables, figures and boxes expand on key points from the text. Accessible and comprehensive, this thoughtful exploration of the various issues facing administrators and operators in public utilities in the new century will prove a useful overview for students of business and economics, utility staff and directors of local utility governing boards.
