

1. Record Nr.	UNINA9910814587803321
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Titolo	Energy storage technologies and applications / / C. Michael Hoff
Pubbl/distr/stampa	Norwood, MA : , : Artech House, , [2022] ©2022
ISBN	1-63081-909-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (311 pages)
Disciplina	621.3124240284
Soggetti	Energy storage - Equipment and supplies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Energy Storage Technologies and Applications -- Contents -- Foreword -- Preface -- Acknowledgments -- Chapter 1 A Brief History of Storing Energy Using Electricity -- 1.1Bottled Electricity: First Attempts to Capture Electrical Energy -- 1.2Primary Battery Developments -- 1.3Early Battery Applications -- 1.4Secondary Rechargeable Batteries -- 1.5Electrified Transportation -- 1.6 Storage in Electricity Distribution -- 1.7Pumped Hydro Energy Storage -- 1.8Growth of Hydro-Based Storage and Generation -- 1.9 Compressed-Air Energy Storage -- 1.10Return of Battery-Based Energy Storage -- 1.10.1Lithium-Ion Batteries -- 1.11Going Forward -- References -- Additional References and Useful Links -- Chapter 2 Applications of Energy Storage on the Grid -- 2.1Why Does the Grid Need Energy Storage? -- 2.1.1Inertial Support -- 2.1.2 Frequency Services -- 2.1.3Renewable Energy Integration -- 2.1.4 Energy Shifting -- 2.1.5Transmission and Distribution -- 2.1.6 Demand Charge Management -- 2.1.7Power Quality -- 2.1.8 Resiliency -- 2.2How Much Energy Storage is Necessary? -- References -- Appendix 2A -- AC versus DC -- Chapter 3 Mechanical Energy Storage -- 3.1Kinetic Energy Storage -- 3.1.1The Fundamentals -- 3.1.2Beacon Power -- 3.1.3Flywheels for Frequency Regulation -- 3.1.4Flywheel Summary -- 3.2Potential Energy Storage -- 3.2.1Gravitricity's Weights on a Cable -- 3.2.2 Gravity Power's Floating Piston -- 3.2.3Energy Vault's Stack of Blocks -- 3.2.4Summary of Potential Energy Storage Systems -- 3.3

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Sommario/riassunto

This book provides a broad look at all different energy storage technologies, from the past and into the future. It takes a hard look at the advantages and disadvantages of various technologies, but also the different applications of energy storage to determine the attributes that are most important for the technology one would choose for them. The book guides you through the hidden costs and true advantages of today's energy storage technologies, and helps you understand energy storage technologies' specifications and claims to uncover which are important to their applications. You will see how an energy storage technology's attributes affect the total system's performance and value and be equipped to evaluate the true costs of energy storage, with respect to up-front capital costs, ongoing operating costs, and total carbon footprint. You will also find helpful lessons learned from industry experts as they strove to pave new roads in the development of energy storage technologies and their markets. This is an excellent resource for project developers and anyone who needs a broad understanding of what matters in energy storage.
