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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.
