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Nota di contenuto	Cover Page -- Title Page -- Copyright Page -- Contents -- List of figures -- List of tables -- Preface -- Acknowledgments -- Chapter 1 - Elements of a Smart Grid Project -- Technology -- Business Process Transformation -- Customer Engagement -- Cybersecurity -- Organizational Change Management -- Physical Infrastructure -- Key Chapter Takeaways -- Chapter 2 - Challenges in Smart Grid Projects -- Technology Success -- Implementation Success -- Reducing Implementation Risk -- Integration Success -- First Steps -- Key Chapter Takeaways -- Chapter 3 - System Implementation Roadmap -- IT/OT in a SIR -- Principles of the SIR -- Phase 1: Meter-to-Cash -- Phase 2: Advanced Metering Capability -- Phase 3: Advanced Integrations -- Phase 4: Grid Modernization
Sommario/riassunto	This comprehensive guide explores the implementation and management of smart grid projects, focusing on technological, business, and consumer engagement aspects. It addresses challenges in smart grid technology, system integration, and the development of a system integration roadmap (SIR). The book details the business case for smart grid projects, vendor selection, project team organization, and enabling technologies such as advanced metering infrastructure (AMI) and grid modernization techniques. It also covers system integration, business process redesign, and customer engagement

strategies. The guide aims to provide a framework for successful smart grid project execution, including governance models, risk management, and test engineering. Designed for professionals in the utility sector, it offers insights into operational transition, project closeout, and leveraging smart grid foundations for data analytics.