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Nota di contenuto	Cover -- Half-Title Page -- Series Page -- Title Page -- Copyright Page -- Contents -- 1 Resource Assessment and Implementation of Hybrid Renewable Energy Systems for Food Preservation in Agro-Tropical Areas: A Techno-Economic Approach -- 1.1 Introduction -- 1.1.1 Objectives -- 1.2 Materials and Methods -- 1.2.1 Resource Assessment -- 1.2.2 Modelling and Simulation of a Hybrid Renewable Energy-Based Cooling System -- 1.3 Results and Discussion -- 1.3.1 Overall Efficiency of the System -- 1.3.2 Evaluation of Economic Parameters -- 1.3.3 Techno-Economic Study -- 1.3.4 Sensitivity Analysis -- 1.4 Conclusions -- References -- 2 Implementation of Hybrid Renewable Energy Projects in Rural India-A Case Study -- 2.1 Introduction -- 2.2 Overview of Microgrid -- 2.3 Basic Structure of Hybrid System -- 2.4 Hybrid Microgrid Control -- 2.5 Project Location -- 2.6 Load Profile Study of Proposed Location -- 2.7 Operation of Hybrid Microgrid System Considered for Current Study -- 2.8 Technical Specification of Hybrid System -- 2.9 Modeling of Hybrid Microgrid System -- 2.10 Last One Year Output of Hybrid Microgrid Plant -- 2.11 Financial Analysis --

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