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Nota di contenuto	Intro -- Preface -- Organization -- Contents - Part II -- Power and Energy Systems -- Coordinative Voltage Control of Building in Supporting Electric Vehicle Integration in Distribution Networks -- 1 Introduction -- 2 Potential of HPs in Supporting EV Integration -- 2.1 Load Profile -- 2.2 EV and HP Coordination Within One House -- 2.3 EV and HP Loads Within Multiple Houses -- 3 Impacts on the Electricity Distribution Network -- 3.1 Scenario 1 - EVs and HPs at Every House Without Coordination -- 3.2 Scenario 2 - EVs and HPs with Coordination Within a Single House -- 3.3 Scenario 3 - EVs and HPs at Every House with Coordination of Multiple House on the Network -- 4 Conclusion -- References -- Intellectualizing Network Distribution: A Case in the Ruyi New District in Hohhot -- 1 Introduction -- 2 Results and Discuss -- 2.1 The Intellectualizing Upgradation of the Present Distribution Network -- 2.2 Construction of the Intelligent Distribution Network -- 3 Conclusion -- References -- Classifications of Lithium-Ion Battery Electrode Property Based on Support Vector Machine with Various Kernels -- 1 Introduction -- 2

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