

Research on designing and manufacturing an electrical energy measurement device based on the Zigbee communication standard

Nguyen Chung Luc

Abstract: This topic aims to examine the necessity of developing electric energy measurement devices based on the Zigbee communication standard in a practical context. The objective is to build an automatic and efficient measurement system for managing energy usage. The research methodology approaches from both theoretical and experimental perspectives, by analyzing the characteristics of Zigbee and implementing the application of electric energy measurement devices. The expected results will contribute to the development of automation technology in the field of energy management.

Keywords: Zigbee, energy measurement device, energy management, wireless communication, graduation project