

Design of power supply system for building C6 of Thai Nguyen University of Information and Communication Technology

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Abstract: In the context of increasing energy demand, ensuring stability and efficiency in the electricity supply for buildings is becoming an important issue. This project aims to design a smart power supply system for Building C6 of Thai Nguyen University of Information and Communication Technology, based on the principle of maximizing the use of renewable energy sources and applying automation technology in power management. Through experimental research, the project hopes to provide an effective solution suitable for the actual conditions at the site, while contributing to improving the quality of life for students and lecturers.

Keywords: power supply system, renewable energy, automated power management