

Design of a supervisory control system for the substation of the University of Information and Communication Technology

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Abstract: In the current context, ensuring operational safety and optimizing the performance of substations is extremely important. This project aims to design and implement a supervisory control system for the substation at the University of Information and Communication Technology. Through research, the project combines theory with experimentation to build automatic monitoring modules and efficient operational management. The ultimate goal is to improve reliability and reduce operating costs of the power system. The expected results will contribute to enhancing technical capacity as well as the ability to respond to incidents at the substation.

Keywords: control and monitoring system, substation, university, operation management, automation