

Design of power supply system for Tien Bo A1 apartment building in Thai Nguyen

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Abstract: In the context of increasing energy demand, this topic focuses on designing and implementing an efficient power supply system for the Tien Bo A1 apartment building in Thai Nguyen. The objective of the study is to enhance the quality of electrical services and reduce energy losses through advanced technical solutions. The applied methods include requirement analysis, selection of appropriate technology, experimentation, and system performance evaluation. This topic not only contributes to the sustainable development of the apartment building but also provides valuable knowledge to improve power quality in urban areas.

Keywords: Power supply system, Renewable energy, Apartment building, Energy control, Thai Nguyen