

Design of power supply system for Sanwa factory

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Abstract: This topic aims to research and design an efficient and stable power supply system for the Sanwa factory, based on actual production needs. The main objective is to optimize energy usage, minimize power outages, and improve the quality of electrical services. The implementation method includes applying advanced technologies in the power transmission and distribution system, combined with current status assessment and experimental simulation. Through this, the topic is expected to provide a comprehensive solution suitable for the factory's specific characteristics, while contributing to the sustainable development of the manufacturing industry in Vietnam.

Keywords: Power supply system, Sanwa Plant, Power transmission technology, Energy optimization, Sustainable development