

Design of power supply for a 10-story apartment building

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Abstract: This topic focuses on designing a power supply system for a 10-story apartment building to ensure stable and safe energy for residents' daily activities. The main objective is to analyze electrical power requirements, evaluate efficient energy sources, and select appropriate technical solutions. The research methodology includes both theoretical and experimental analysis, combined with a practical survey at the target apartment building. The expected result is to provide a sustainable and efficient power supply system, contributing to improving the quality of life for residents.

Keywords: Power supply, 10-story apartment building, renewable energy sources, technical solutions