

Design of the power supply system for the Startup Tower apartment building.

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Abstract: This topic focuses on designing and implementing an efficient and sustainable power supply system for the Startup Tower apartment building. The practical context, driven by the rapid growth of the building, requires an energy optimization solution and improved quality of electrical services. The objective of the research is to build a system integrating advanced technology to ensure a stable power supply with minimal consumption. The method combines energy management theory with on-site experimentation to evaluate performance. The expected result is a sustainable and innovative solution, contributing to the field of urban energy management and improving residents' quality of life.

Keywords: Electricity supply, apartment building, energy management, advanced technology, sustainable energy system