

UNIVERSITI TEKNOLOGI MARA

**ENERGY PERFORMANCE AT
UITMBB LIBRARY : A CASE STUDY**

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ABSTRACT

This project focuses on conducting an energy performance evaluation at the UiTMBB Library to assess its energy consumption patterns and identify areas for energy efficiency improvements. The objective is to raise awareness about energy conservation, contribute to the field of energy performance evaluation in libraries, and provide insights for future studies. The study will analyze historical energy consumption data, evaluate lighting, HVAC systems, and other energy-consuming equipment, and explore potential energy-saving measures. The findings will contribute to environmental sustainability, cost savings, knowledge sharing, and educational impact. The project aims to address inefficient energy consumption, high energy costs, and the lack of knowledge and best practices in energy performance evaluation. The outcomes will provide recommendations for optimizing energy performance and fostering a culture of energy efficiency within the library community.

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