FINAL YEAR PROJECT REPORT

DIPLOMA IN MECHANICAL ENGINEERING
FACULTY OF MECHANICAL ENGINEERING
MARA UNIVERSITY OF TECHNOLOGY
40000 SHAH ALAM
SELANGORD.E.

ENERGY AUDITING FOR FTMSK'S BUILDING

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ACKNOWLEDGMENT

Praise and grace to ALLAH S.W.T Creator of the universe for under His command, we manage to complete our final project. This final project is prerequisite in attaining Diploma In Mechanical Engineering from the Mechanical Engineering Faculty, Mara University of Technology. (UiTM)

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Thank you

ABSTRACT

Energy plays a key role in the development and growth of the economy. Therefore, the availability of adequate supplies of energy is a strategic issue for any country including Malaysia.

Energy cost is one of the key cost component in industrial and commercial businesses. Considering that the long - term prospect for the cost of energy is to escalate continuously, understanding energy bills is essential for improving the profitability of a business. Hence it is essential to reduce energy consumption, as it is related to energy bill.

With help of Architect plan and observation site, work can be success to know either the temperature or RH in FTMSK building in comfortable or not. From book, the comfortable temperature and RH is between 18℃ to 24 ℃ and 50% to 70% respectively.

Energy Audit is to reduce an energy bill. A case study an energy usage in building has been done. FTMSK building was use for energy audit.