



FINAL YEAR PROJECT REPORT

***ENERGY AUDITING FOR FACULTY OF APPLIED
SCIENCE BUILDING***

PREPARED BY:

**ZAFRUL IDHAM BIN MOHD ZAHUDI
ERNEST ERIC RAYMOND**

**98158153
97357862**

**DIPLOMA IN MECHANICAL ENGINEERING
FACULTY OF MECHANICAL ENGINEERING
MARA UNIVERSITY OF TECHNOLOGY
40450 SHAH ALAM
SELANGOR D.E**

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ABSTRACT

An Energy Audit simply looks at how energy is being used and figures out how energy can be saved. This process has the two obvious benefits of saving money (which can be spent on supplies instead of energy) and helping the environment. However, there is another benefit that is hidden: We have learned a great deal from energy auditing process.

The goal of Energy Auditing at Faculty of Applied Science is to make energy improvements cost-effective to University Technology Mara facilities. It makes quick and easy to implement energy efficient upgrades by providing, among other energy-related services, inexpensive financing options.

Energy audit involves assessment of a building's energy cost and efficiency through the analysis of energy bills and a survey of the building. Energy audit will identify and provide a savings and cost analysis of low-cost/no-cost measures or improvements. Examples include, but are not limited to: calculating lighting improvements, control-application effect calculations, and effects on operational changes to heating fuel and electrical savings recommendations.