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| Thesis Title | Building Energy Auditing Report System | |
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ABSTRACT

The objective of this study is to develop the Building Energy Auditing Report System. The development of the system was divided into 3 main sections. The first section is a general building data and loading input. The second section is the main energy conservation opportunities energy analysis program which consists of 11 electrical saving methods , 4 of thermal methods a saving and 2 building envelope saving methods. The third section of system is a output of the building energy auditing report.

All energy conservation opportunities are economically analyzed, and the economic index are payback period and internal rate of return (IRR). The results will be very useful for the owner to make decision for the investment.