

ABSTRACT

In a world of increasingly advanced, everything started to automated, wherein the technology does not require the operator to perform a job. The residential home which is where the people do the activities, in which there are devices, which are often lit, but not used. Human error, such as forgetting to turn off, is one of the reasons, of the use of electric power is wasted. This could result in electric financing swell.

The problems that arise such as, over budget and the use of electrical power is wasted. That is an important concern for residential home, on how to regulate or make savings on power residential home.

Alternatives such as automated power management of residential home, as necessary, to be the solution of the problems mentioned above.

Efficiency in terms of electric power would be gained by 19.61% to 39.21% per hour, when using a device for regulating electric power in residential home, will provide saving effect of the budget. It is very beneficial when applied to residential home, which use devices that use electric power as an energy source.

Keywords: *Management, Power, Cost, Budget, Automation.*