ABSTRACT

Along with the development of current technology a lot of electronic

equipment needed to support daily human activities, in which goods and electronic

equipment is certainly related to the supply of electric current through a KWH

meter.

But users in general can only be used, without knowing how many of the use

of electric current that has been used. So often wasteful. Moreover Analog KWH

Meter is used in general public Indonesia calculations done manually, so it does

not close the possibility of calculation errors caused by human error.

Therefore, at this final project created an information system that can allow

a user in monitoring the electrical power consumption through KWH Meter data

processing. Where is monitored is the value that has been unused KWH that is

processed into the form of dollars by the microcontroller. Then the results of

monitoring will be displayed through an LCD, so users can know the value of the

rupiah power is unused. Programming the AVR microcontroller used is the

language is at 8535 C.

Keywords: KWH Meter, language C.

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