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.