Development of advanced information technology very rapidly, affecting the mindset of people to do things in an instant. At this time, the government encouraged the public to use electricity with prepaid system. Like the pulse system, the consumer must enter the voucher code in Prepaid KWH Meter first before using electricity. However, there are still weakness that occurred when minimum balance of power be limited, while users are outside the city. Hence indirectly to buy vouchers and manually press the button on the keypad KWH Meter, while the position of the user is not at home. The user often complain result. So we need a solution that can solve this problem. With tools that can instantly fill electrical pulses without having to press the keypad in place to charge electric pulses.

In the final project will be made control systems automatically keypad KWH meter using SMS to send the 20 numeric code. From data that had been sent to voucher code. Then it will be processed by the microcontroller, to read between the numeric characters 0-9, *, and #. After that solenoid will work pressing the keypad within their KWH meter sms which code was sent.

The result of these tools can work to solve problems within their expectations for prepaid KWH meter. It was tested it on the simulator KWH meter prabyar.

Key words: Prepaid KWH Meter control keypad, SMS Gateway, Microcontroller, Solenoid
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