

Abstract Details

Title: Smart Energy Meter System

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Abstract: In recent period, the efficacy and the effectiveness are facing struggling in electricity bill in replete scale. Therefore bear the cost metering system is becoming popular for ensuring the amount of bill in advance. This project outcome an approach to automate the electricity billing system, a PIC Microcontroller based control element and co-ordinates all the activities like reading the credit from the card through the card reading technique, calculating and updating the net credit, showing the credit on the LCD display. The Alarm or buzzer introduces in the system is used to give the signal in the consume unit make it to final 5 units. As soon as the load unit makes it to 0 units, the relay set up, which is conjoined between the AC main and load get shut off.

Keywords: Smart System, Energy Meter, Automatic Interference.