

Automatic Identification of Electricity Theft

Amol Bhusari, Sakshi Mogare, Priti Mane, Prof. Sayyed R. M.

Department of Electronics and Telecommunication

Al-Ameen Educational & Medical Foundations, Koregaon Bhima, Pune, India

rukusayyad777@gmail.com, amolbhusari1991@gmail.com

sakshimogare2003@gmail.com, pritiaa2002@gmail.com

Abstract: *In proposed system automatic identification of electricity theft using arduino. If we implement the project for a complete network of a area which will be consuming a very huge amount of energy. Here we are using arduino board, LCD display, current sensor, buzzer. And here in this project we can calculate the energy or power transmitted by the KEB and the energy consumed by the network of area. If both transmitted power by the KEB and the consumed power by the area differ by a large value the arduino will display these difference in the power reading on the LCD and the buzzer located in the KEB starts beeping indicating theft of electricity. As total Power losses equals transmission power losses plus distribution power losses.*

Keywords: automatic identification

