



Detection of Power Theft Using GSM

S.Anusha¹, M.Madhavi², R.Hemalatha³

Assistant Professor, Electronics and Communication Engineering, Sri Ramakrishna Engineering College, Coimbatore, India^{1, 2, 3}

Abstract: Science and technology with all its miraculous advancements has fascinated human life to a great extent that imagining a world without these innovations is hardly possible. While technology is on the raising slope, we should also note the increasing immoral activities. With a technical view, "Power Theft" is a non-ignorable crime that is highly prevalent, and at the same time it directly affects the economy of a nation. Detecting and eradicating such crimes with the assistance of the developing scientific field is the "Need of the Hour". With these views was this paper conceived and designed. Our paper provides a complete and comprehensive tool to prevent power theft which is very simple to understand and easy to implement. It includes three sections - transmitting, receiving, and processing sections. The main objective of this project is to indicate electric power theft to electricity board. It is carried over through embedded technology. Here wireless method is used to find out the electric theft.

Keywords: Current transformer, GSM, PIC16F877A Microcontroller, Energy Meter.

