Abstract

Wireless power theft monitoring

Electrical energy plays a very predominant role in everyone’s life by making one’s life comfortable and efficient. Electricity helps mankind in different walks of life. With increasing need of electricity, the problem of power theft is also rising sorely. Power theft is a burning problem today that continues to plague power sector across the whole country.

The objective of this project is to design a system in order to avoid the displeasure for the users from theft, bill irrespective of the use of the electricity due to theft. The ppt deals with theft control system in energy meter. To avoid theft, radio frequency is used to send the signal to the electricity board. The measuring of energy meter and monitoring of IR sensor is done with a PIC microcontroller. The informative system will be helpful for the electricity board to monitor the entire supply and the correct billing accordingly without any mishap.

This model reduces the manual manipulation work and theft control. In order to integrate the various parts together, we must first properly understand the working of the different parts to be integrated together. A brief study is alone on the components and the technology which we are going to see in ppt.