

WIRELESS TRANSFORMER FAULT DETECTOR AND THE WIRELESS ELECTRICAL BILLING SYSTEM.

Abstract:

This project consists of two parts the Wireless Transformer Fault Detector and the Wireless Electrical Billing System.

The Wireless Transformer Fault Detector is to develop a system that would detect the fault in the Electrical Power transformer and send information about it to the electrical power transforming station wirelessly, where the transformer number of the transformer will be displayed along with the fault to be rectified.

The Wireless Automated Billing System can record the Electrical Bill of the power consumer wirelessly in the Electric Power Supply Station thereby reducing a lot of manual labour as well as chances of errors. All the wireless communication is done using radio frequency transmitter and receiver.