



Smart Energy Meter Monitoring System

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Abstract

The significance of an energy management is growing and it became a demand for people to reduce their energy expenditure because energy prices have been a major component in household budgeting in recent years, therefore smart energy meter monitoring system is crucial for most modern households, enterprises, and many other institutions. In our project we will be going to develop a smart energy meter monitoring system using IOT technology that can reduce electricity consumption by manage lighting system and detect the meter's location. In addition, there will be a prepaid feature that enables the user to pre-set the amount. The customer will get the notification about the surplus energy usage, consumption details in periodic interval and remaining balance in account to alert the customer.

Keywords: Raspberry Pi-3, temperature sensor, LDR sensor, PIR Motion sensor.