

Smart Energy Meter with Payment Facility

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Abstract: *The Internet of Things technology the future has begun to affect our Shomes. Here is the IOT Energy meter proposed with the current system, electricity and cost monitoring using a Node MCU that uses a power meter with microcontroller system to monitor energy meter IoT learning. The proposed program contains of the circuit based on the current microcontroller sensor, energy meter and load connected to it and an LCD display connected to the Node MCU. This program works with online IoT a program that THINGS TALK is a free web interface a live streaming of this read above to easily. After connecting with THING Show data in allows the user to easily check units used, estimated costs, line power and current consumed live from any destination place. The circuit receives more instructions IoT by connecting to the circuit and then the Node the MCU processor processes these instructions. After this, the processor is now processing those user access instructions commands. Then it is displays those on the LCD display. In this way the energy meter monitoring framework empowers the client to adequately check the power meter readings.*

Keywords: Current Sensor, Voltage Sensor, Razer Payment Gateway, Node MCU, Energy Meter

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