

Smart Energy Meter using IoT

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Abstract: *A smart energy meter is an advanced device developed to monitor and manage the energy consumption and other parameters efficiently with the help of Internet of Things (IoT). It provides an effective way to transfer the information of energy consumer wirelessly as well as it provides to track of the usage of the electricity the main intention of this project is measure electricity consumption in home appliances and generates the bill automatically using IoT. The smart energy meter will be able to do real time monitoring, generating accurate bills, reducing the losses and unnecessary errors due to human interference. This improves efficiency of the system and also of the smart grid effectively.*

Keywords: Smart Energy Meter, Internet of Things, Smart Grid, Accurate bills