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Power Theft Identification by Using IOT

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Abstract: *Electrical energy is very important for everyday life and spine for the industry. Electricity power is indiscipline to our daily life with increasing need of electricity, the energy robbery is also growing, electricity theft is a hassle that keeps to plague electricity region across the country, the goal of this paper is to design one of these gadget with a purpose to try and reduce the illegal use of power and also lessen the probabilitiesof theft. In this research we have focused on the most common practice of stealing power which is tapping or tampering the meter. The system has been designed to detect the theft and also inform to the nearest substation and to the consumer. This model try to achieve theft control.*

Keywords: Energy Meter, ESP32 Controller, GSM Model, Opto coupler.

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