A Study and Review on Agile – Controlled Solar Metering System using IOT and Ubidots

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Abstract: *This project introduces an innovative solution: an Agile-Controlled Solar Metering System that utilizes IoT and the Ubidots platform for real-time monitoring and control of solar energy production and consumption. Traditional electricity meters often cause concern with high bills, requiring manual checks. With our smart energy meter using an ESP32 Wi-Fi module, users can monitor appliance load consumption in real-time from anywhere globally via smartphones. This IoT-based system provides convenience, allowing control over devices based on power consumption and budget management.*

Keywords: Agile-Controlled, Solar Metering System, Ubidots IoT platform, Electricity meters

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DOI: 10.48175/568

ISSN
2581-9429
IJARSCT

459