

IoT Based Solar Power Monitoring System

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Abstract: Energy is a key aspect for every family, company and other setting, including agriculture. Carefully controlling energy use and wisely conserving it for appliances are essential. Energy consumption is directly impacted by coal, oil and gas in terms of power generation. The approach outlined here involves labeling the energy used by solar power as renewable energy on the internet. An ESP32 and the Thingspeak.com platform is used to monitor this location. Daily monitoring of the consumption of renewable energy is done through smart monitoring. The user is knowing how much energy they are using. Consumption of renewable energy and power issues are both impacted by analysis. Microgrid, Solar Street Lights, Smart Villages and Solar Cities are only a few Examples.

Keywords: Solar Power.

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