

Letter of Acceptance (LoA)

Berikut adalah bukti LoA dari:

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The screenshot shows a web browser window displaying the article page for 'RANCANG BANGUN MONITORING LISTRIK PADA RUMAH BERBASIS IOT MENGGUNAKAN ESP32'. The page features a green header with the journal title 'TEKNIKA' and a navigation menu. The article title is prominently displayed in a grey box. Below the title, the authors 'Adhitya Wiesesha' and 'Ahmad Ridhoi' are listed with their affiliations. An abstract is provided, discussing the necessity of electric power systems and the need for monitoring tools. A PDF icon is visible below the abstract. On the right side, there is an 'ADDITIONAL MENU' with various options like 'Focus & Scope', 'Editorial Team', and 'Online Submissions'. The Windows taskbar at the bottom shows the date as 28/08/2023 and the time as 21:30.

PKP RANCANG BANGUN MONITORING x +

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RANCANG BANGUN MONITORING LISTRIK PADA RUMAH BERBASIS IOT MENGGUNAKAN ESP32

Adhitya Wiesesha
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Abstract

In modern times the electric power system is a necessity that cannot be separated from human life. All human work and needs are highly dependent on electricity, especially household needs. The use of electrical energy can cause excessive use, which has an impact on increasing voltage, current, and power for electricity users, causing costs to not be minimized. Therefore, we need a tool that can monitor the use of electrical energy and is able to limit voltage, current and power even though the user of electrical energy is not at home. Monitoring that electricity users can use when they are not at home is IOT-based

TEKNIKA

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Activate Windows
Go to PC settings to activate Windows.

21:30
28/08/2023

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by.ac.id/index.php/teknika/article/view/8801

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Abstract

In modern times the electric power system is a necessity that cannot be separated from human life. All human work and needs are highly dependent on electricity, especially household needs. The use of electrical energy can cause excessive use, which has an impact on increasing voltage, current, and power for electricity users, causing costs to not be minimized. Therefore, we need a tool that can monitor the use of electrical energy and is able to limit voltage, current and power even though the user of electrical energy is not at home. Monitoring that electricity users can use when they are not at home is IOT-based monitoring. Of course, for IOT-based monitoring, voltage sensors, current sensors, and MCU nodes with blynk are needed for monitoring displays. The voltage sensor uses the PZEM-004T which functions to read the voltage value, the current sensor which functions to read the current value in the load, and the NodeMCU uses ESP 32 as a WIFI module which functions as sending data to the server so that it can be viewed via the internet network. The test results of this tool functioning correctly can remotely monitor voltage, current and power values that are displayed on cellphones by producing low error rates that occur on voltage, current and power.

Downloads

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JOURNAL TEMPLATE

Journal Template

TOOLS

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