SINERGI

COVER LETTER

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Dear,

We wish to submit an original research article entitled "[**Modeling and Implementing a Load Management System for a Solar Home System based on Fuzzy Logic**]" for consideration by SINERGI.

We confirm that this work is original and has not been published elsewhere, nor is it currently under consideration for publication elsewhere.

In this paper, we report on / show that:

Field	:	Electrical Engineering
Topic	:	Energy Management Optimization in Solar Cell
Brief Background	:	In solar cell system, it is necessary to have a controller that can optimally regulate the loading to supply electricity to the load according to its needs without having to worry about waste batteries. This research developed a power generation technology sourced from solar energy to supply electrical energy to the load. It is hoped that the results of this study can provide an overview and input on the development of PV mini-grid technology and support national programs in overcoming the energy crisis in Indonesia. Therefore, the authors propose this research which is expected to overcome energy management problems, especially in solar home systems.
Research Problem	:	The use of electrical energy in wasteful solar cells
Overview of Method	:	In this study, an effort was made to regulate the load using fuzzy logic to control the power consumption used by the load so that energy can be utilized effectively.
Significant finding	:	New and simple system modeling for energy use management in Solar Cell system.

We have no conflicts of interest to disclose.

Thank you for your consideration of this manuscript.

Sincerely,
Makmur Saini

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AUTHORSHIP STATEMENT

We wish to submit an original research article entitled "[*Modeling and Implementing a Load Management System for a Solar Home System based on Fuzzy Logic*]" for consideration by SINERGI.

All persons who meet authorship criteria are listed as authors, and all authors certify that they have participated sufficiently in work to take public responsibility for the content, including participation in the concept, design, analysis, writing, or revision of the manuscript.

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POTENTIAL REVIEWERS

Please submit 3 (three) potential reviewers (*that have not listed in SINERGI*) to speed up the review process that competent for the topic and has a good reputation in that area.

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