

Review of: "Design of an intelligent controller for improving the solar system efficiency"

DivyaSharon R¹

¹ Velammal College of Engineering and Technology

Potential competing interests: No potential competing interests to declare.

Decision - Reject

The research topic is good. Renewable Energy development is progressing in the fight against global warming. Hence it is important to improve the efficiency of solar photovoltaic systems.

1. There is no novelty in the paper. Fuzzy logic based MPPT is already discussed in many literatures. If you are new in this area you can write a review paper by comparing the algorithms that are already used for MPPT.
2. The paper is not organised. There is no proposed method section which is very important in research papers.
3. Include the references number in the content. For example in section II, while discussing about various MPPT techniques mention reference numbers like [1], [2] ..
4. Check for grammar and spelling errors especially in figures Irradiance(W), current(A), voltage(v) are spelt wrongly.
5. In fig 7,8 what is in x axis? Temps? I think it is time(s).
6. The author is advised to read as much as possible research papers in this topic.
7. Section III should be simulation results and discussion. A detailed explanation of simulation results is required.