

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

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Potential competing interests: No potential competing interests to declare.

Comments for SRS2SK

This is a very good paper dealing with Design of an intelligent controller for improving the solar system efficiency. The authors presented some good results based on the proposed model using a test system. The paper is interesting, but there are several issues that needs to be improved to make proper contribution.

My comments as follows:

1. An abstract is normally between 150 to 250 words; thus, a concise and factual abstract is required to state briefly the purpose of the research, the principal results and the major conclusions. Add some of the most important quantitative results to the abstract. Focus on the advantages of the proposed method with respect to the obtained results. The abstract should be reformulated and it is an extremely important and powerful representation of the manuscript.
2. No significant contribution and merits can be found in the abstract. What are the main advantages of this research?

The motivation of the paper is unclear, while it should be eye catching in order to make more sense. In this regard, a separate section on motivation and contribution should be included.

1. The effectiveness of the proposed new method in solving battery management problem should be normally compared with another method.
2. How the proposed model dealt with the power system nonlinearity?
3. In the simulation, the key parameters and also the data should be provided, maybe in the appendix if necessary.
4. The quality and the strength of a research paper is also based on the quality of the references used. Be consistent in your way of writing references for journal articles, conferences, or books.