

Review of: "Grid-secluded Induction Generator with ANN and Intreval Type-2 Fuzzy based Controller for Wind Power Generation with Smart Load Control"

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Potential competing interests: No potential competing interests to declare.

The use of the combined method of ANN and fuzzy for the design of MPPT in wind turbines along with smart load control has been studied in this article. The subject of the article is interesting and has high study value and it is also well reviewed in this article. However, the following points can be modified:

- 1- The spelling mistake of the word "intreval" in the title should be corrected. Also, there are many spelling and grammar problems in the entire text.
- 2- It is better to compare the presented method with a common method. The basic method for this problem can be the PID controller that is set in a desirable way (for example by the Ziegler-Nichols method or meta-heuristic algorithms).
- 3- ANN is one of the methods of deep learning. But there are newer methods in this field such as Convolutional neural networks, etc. It would have been better to compare the results with one of these methods.
- 4- Table (1) has examined the results qualitatively, but more numerical analyzes should be presented in the table or in the text.
- 5- The relations used should be given with proof or the references should be given. Especially relations (12) to (14) related to the fuzzy controller.
- 6- The quality of the figures should be improved.
- 7- The method presented in sections 2 and 3 is well described. But it would have been better if a flowchart of the system implementation was also presented for more transparency of the implementation method.