

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.

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

Major revision:

1. The main points of the entire paper should be outlined in an abstract, typically in a single paragraph of 300 words or less, in the following order: 1) the overall goal of the study and the research problem(s) you investigated; 2) the basic study design; 3) the major findings or trends found as a result of your analysis; and, 4) a brief summary of your interpretations and conclusions.
2. Concept-based novelty entails developing a completely original theoretical idea. To substantiate the discussion in the Introduction section, authors need to cite a few recent advances on optimization using RSM: (a) https://doi.org/10.1007/978-981-15-2647-3_65; (b) <https://doi.org/10.1088/2053-1591/ab7f60>; (c) https://doi.org/10.1007/978-981-33-4320-7_64; (d) <https://doi.org/10.1016/j.matpr.2021.04.484>; (e) <https://doi.org/10.1016/j.matpr.2021.06.438>; (f) <https://doi.org/10.1088/1757-899X/1206/1/012001>; (g) <https://doi.org/10.1080/23080477.2021.2017543>; (h) <https://doi.org/10.3390/ma15165607>; (i) <https://doi.org/10.1007/s40032-022-00882-0>; (j) <https://doi.org/10.1007/s42452-023-05284-0>; and (k) <https://doi.org/10.1016/j.matpr.2023.03.620>.
3. Equations need their references; authors need to add in the article.
4. **"Artificial Intelligence Control System Applied in Smart Grid Integrated Doubly Fed Induction Generator-Based Wind Turbine"**, such ideas need to be implemented well. Future scope section needs to be included.
5. For equation (12) - (14); I need proof of calculations.
6. All typos and grammatical mistakes need to be corrected, e.g., Intreval

All suggestions should be properly included in the article and point-wise responses should be prepared if authors are willing to undertake revisions.