Review of: "Grid-secluded Induction Generator with ANN and Interval 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.

Major revision is required. And my specific comments are shown below:

1. I recommend the authors redesign " Fig.8. ANN structure for load control." by designing programs such as Microsoft Visio
2. Authors must develop original figures with high resolution for proper rendering of the final published paper and should not distort on the zooming. such as: "Fig.12. Simulated waveform for bidirectional converter output voltage.", "Fig.13. Experimental waveform for inverter output voltage.",
3. It could be interesting to summarize the commented literature works in a table to have a clear comparison between all. This could also help precisely formulating the contribution of the paper with respect to previous works
4. Please, add flowchart for proposed method
5. No comparison with other previous works !!, the results should be compared with the most recent methods in the literature
6. Results need a deeper discussion.
7. please, support the conclusion section with the results.
8. The authors may enrich their references with the latest and related work further, such as below, and more

- Behara, R.K.; Saha, A.K. Artificial Intelligence Control System Applied in Smart Grid Integrated Doubly Fed Induction Generator-Based Wind Turbine: A Review. *Energies* **2022**, *15*, 6488. https://doi.org/10.3390/en15176488 .
- Bilal Naji Alhasnawi, Basil H Jasim, " A new energy management system of on-grid/off-grid using adaptive neuro-fuzzy inference system", J. Eng. Sci. Technol, Volume 15, Pages 3903-3919
- El Oualid Zouggar, Souad Chaouch, Djafar Ould Abdeslam, Lilia Abdelhamid. Sliding Control with Fuzzy Type-2 Controller of Wind Energy System Based on Doubly Fed Induction Generator. Instru- mentation, Mesure, Métrologie, 2019, 18 (2), pp.137-146. 10.18280/i2m.180207. hal-03618029