

## 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 authors designed controller for load control using ANN and fuzzy controller. The paper has some good features, but needs some changes.

- 1. ANN model needs and methodology of how it used with FUZZY needs some explanation as there is not connection between them.
- how fuzzy is used for load control is still unclear, so this section needs to be revised more focusing on what is type 2 fuzzy system and how it is used.
- 3. mathematical model is unclear needs to be revised and proposed architecture needs explanation in steps and what do you mean by smart load controll.
- 4. figures quality needs to be revised.
- 5. literature is bit outdated, perhape authors needs to add some more recent paper like<u>Load forecasting through</u>
  <a href="mailto:estimated parametrized based fuzzy">estimated parametrized based fuzzy inference system in smart grids</a>, <u>Preventing cascading failure through fuzzy cooperative control mechanism using V2G and Optimum control strategies for short term load forecasting in smart grids</u>

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