

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 following are the suggestions to improve the quality of the paper:

1. Correct the spelling mistake in the title, "Intreval".
2. The authors have not cited the recent literature, this is one of the drawbacks of the article.
3. The authors have not discussed the calculation of excitation capacitance value for initial excitation and reactive power compensation. Please add the section and use the bellow articles as a reference.

Bala Murali Krishna, V and Vuddanti, Sandeep. "Identification of the best topology of delta configured three phase induction generator for distributed generation through experimental investigations" International Journal of Emerging Electric Power Systems, Vol. 23, No. 3, 2022, pp. 329-341. DOI: <https://doi.org/10.1515/ijeeps-2021-0064>

4. Discuss clearly the components used for the experimental conduct in this work and add the experimental setup diagram.

5. A proper citation is missing while highlighting the induction generator for the small scale applications. A comparative analysis should be added in the reticle.

Krishna, B.V.M., V. Sandeep, V, "An Analytical Study on Electric Generators and Load Control Schemes for Small Hydro Isolated Systems", In: Vadhera, S., Umre, B.S., Kalam, A. (eds) Latest Trends in Renewable Energy Technologies. Lecture Notes in Electrical Engineering, vol 760, 2021, Springer publisher, Singapore. DOI: https://doi.org/10.1007/978-981-16-1186-5_9

V. B Murali Krishna, V. Sandeep, SS Murthy and Kishore Yadlapati "Experimental Investigations on Performance Comparison of Self Excited Induction Generator and Permanent Magnet Synchronous Generator for Small scale Renewable Applications", Renewable Energy, Vol. 195, pp. 431-441, August 2022.
DOI: <https://doi.org/10.1016/j.renene.2022.06.051>

SSSR Sarathbabu Duvvuri, V. Sandeep and Kishore Yadlapati, V. B Murali Krishna, "Research on Induction Generators for Isolated Rural Applications: State of Art and Experimental Demonstration", Measurement: Sensors, Vol. 24, No. 100541, December 2022, DOI: <https://doi.org/10.1016/j.measen.2022.100541>

6. How the proposed smart controller in this article is differ from the electronic load controllers as discussed in the bellow articles.

B. Singh, S. S. Murthy and S. Gupta, "Transient analysis of self-excited induction generator with electronic load controller (ELC) supplying static and dynamic loads," IEEE Trans. Ind. Appl., vol. 41, no. 5, pp. 1194-1204, Sept.-Oct. 2005.

B Murali Krishna. V and V. Sandeep, "Design and Simulation of Current Sensor based Electronic Load Controller for Small Scale Three Phase Self Excited Induction Generator System", International Journal of Renewable Energy Research, Vol. 10, No. 4, pp. 1638- 1644, December 2020. ISSN: 1309-0127,
DOI: <https://doi.org/10.20508/ijrer.v10i4.11374.g8048>