Review of: "Design of an intelligent controller for improving the solar system efficiency"

Kalyani S[1]

1 Larsen & Toubro (India)

Potential competing interests: No potential competing interests to declare.

The authors have described the application of fuzzy logic approach in MPPT algorithm of Solar PV System. The paper is well written with valid experimental results.

However, there are few points of clarifications to be sought out.

1. This technique is already existing. What is the novelty of the work addressed.
2. The literature review can be tabulated as more research work has been carried out in the chosen area of work.
3. Why Fuzzy Logic approach is preferred, when ANN or Machine learning or deep learning techniques are also nowadays adopted by researchers
4. The authors have analyzed the PV system performance with the variations of irradiation, why not variation in temperature also considered
5. The details of panel sizing and model to be discussed
6. The final results represented in Figure 10 can be quantified and also given as a summary table for quick interpretation of results
7. Conclusion must highlight the contributions of the work,