

Review of: "Technical and Financial Viability of a 1 MW CSP Power Plant with Organic Rankine Module: Case Study for a Northeastern Brazilian City"

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Potential competing interests: No potential competing interests to declare.

In the reviewer's opinion, the topic of the manuscript is interesting, in general, to be considered for publication. However, there are lots of issues that must be carefully addressed before publication as follows:

- 1- In nomenclature, it is not conventional to give reference.
- 2- The manuscript has not been well-structured. It is better to add a section to address how the system is going to work (like 1- Introduction. 2- System description. 3-...).
- 3- The introduction part is poor and needs to be more expanded with new references.
- 4- It is recommended that to specify your assumption for your modeling.
- 5- Please consider referencing for each part of the modeling, especially for equations.
- 6- Use a general numbering for equations, not numbering each part separately.
- 7- In the ORC Module costs section, please make your reference clear like other references.
- 8- How did you find one best configuration? It seems you have optimized your case. But you have not talked about optimization through the manuscript.
- 9- What is the novelty part of your work? I mean, how your proposal is going to contribute any improvement in the field of energy?
- 10- Have you compared your results with other studies? Is your system working better than other proposed systems? For example, I see your exergy efficiency approximately 12%, which is less than several studies operating by solar and wind like <https://doi.org/10.1016/j.ijhydene.2022.12.283>.