

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

Madjid Soltani¹

¹ University of Waterloo

Potential competing interests: No potential competing interests to declare.

In this study, a Technical and Financial Viability of a 1 MW CSP Power Plant with Organic Rankine Module for a Northeastern Brazilian city has been conducted. My comments to address the problems of the article are:

1. In the abstract segment, you have mentioned that "according to the technical and financial results, one best configuration was defined." You should clarify the selected configuration by more details beside its storage capability, also you should give reasons for your selection, by comparing with other configurations.
2. The methodology and novelty of your study work is missing to be defined in the abstract. Rewrite the abstract and mention them in order to raise the level of your work, owing to the prominent key role of abstract in illustrating the level of the paper.
3. Update your references, there has been numerous studies in this field since 2022. Try to mention them more in the introduction segment.
4. A plethora of typo and grammatical errors detected throughout the context, fix them all.
5. A system description part needs to be put before writing a methodology part in order to give an overall view of the conducted study to the reader.
6. Bring all of the equations and configurations of the study in the methodology part before describing the power block.
7. Tables should be reorganized, accomplish an academic structure for them, their descriptions are missing. Additionally, cite them in the context.
8. Numbers should be written in the academic order, avoid using so many zeros.
9. In the methodology segment, list the IC (Initial Conditions) and BC (Boundary Conditions) of the study.
10. Tables 6 and 7 are written in a small font and it's hard to catch them. Reorganize them.
11. So many details are mentioned in the conclusion part, summarize them and only write the principal results.

