

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.

I found the paper to be well-written and interesting, with a good mix of technical and economic content. However, I do have some constructive criticism and suggestions for improvement:

Firstly, it would be helpful if the paper included more detailed information on the assumptions made for the simulations. For example, it is not clear what material/geometry was used for the heat collecting element (HCE) or the heat transfer fluid (HTF). Providing more detail on these aspects would improve the replicability and transparency of the results.

Secondly, the paper could benefit from more detailed analysis of the environmental impacts of the proposed CSP system. It is mentioned that CSP is a renewable energy source, but the paper did not include any discussion on the environmental benefits (e.g. reduction in greenhouse gas emissions) of the proposed CSP system compared to conventional fossil-fuel-based power generation.

Overall, I found this paper to be a valuable contribution to the field of CSP and ORC. I appreciate the authors' hard work and hope that they will find my feedback helpful in improving their manuscript.