

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

Dr. ASHOK KUMAR Singh

Potential competing interests: No potential competing interests to declare.

Comments to authors:

The authors have attempted good work in this research; however some comments are suggested for the further improvement in the article as mentioned.

In the abstract, motivation and problem statement should be clearly reflected.

Introduction section should have more wide regarding the application of solar energy to justify the review state of the art and can be referred the given references,

<https://doi.org/10.1016/j.heliyon.2020.e05793>

<https://doi.org/10.1016/j.jclepro.2021.129996>

<https://doi.org/10.1016/j.jclepro.2020.123542>

<https://doi.org/10.1016/j.desal.2020.114652>

<https://doi.org/10.1007/s11356-021-18426-x>

<https://doi.org/10.1016/j.jer.2023.100121>

<https://doi.org/10.1016/j.matpr.2020.05.117>

<https://doi.org/10.1016/j.matpr.2021.09.088>

As the present research carrying so many objectives simultaneously as comprises environmental impact, economic analysis, energy, and performance analysis, etc., so authors are advised to showcase the proposed results comparative to existing researches in separate table.

Validation of the proposed work should be carefully presented in the revised manuscript.

Methodological flow diagram should be presented for the clear understanding to the readers.

All the equations should be properly cited and briefed.

Conclusion section is roughly prepared, it should be more crisp and concised and evident to the key findings.

Future scope should be added after the conclusion section that helps researchers for further possible scope.

Working procedure is inadequate to interpret the functionality of the system and should be carefully revised with clearer approach.

Working system diagram should be presented.

Authors should summarize the present study with subject criteria, key variable, respective findings highlighting the optimum results with a suitable explanation of such results.

Results and discussion section should be elaborated more carefully.