

# 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.

The authors present a simulation study of a CSP plant based on the organic Rankine cycle with parabolic trough technology. They use Brazilian hourly data to carry out the simulation, and consider several designs (differing in the number of collectors and energy storage capacity). Efficiency and LCOE were calculated, and the results showed which was the best configuration.

The manuscript presents an acceptable quality, and the explanations are easy-to-follow (e.g., net energy generated results), although it does not present much novelty. "Results and Discussion" section is the most interesting part of the article.

There are some minor recommendations that could be addressed, such as revising the wording to correct some typographical errors presented (e.g., in 2.3, ") is missing in the first sentence), or changing the Sankey diagram so that it is expressed considering the total % instead of the relative %.