

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 study is interesting and sheds more light on the potential of coupling large scale ORCs to a parabolic trough solar collectors. Some comments can be seen below:

1- The abstract is the gate to your manuscript. It should contain answers to the following questions: What problem was studied and why is it important? What methods were used? What are the important results? What conclusions can be drawn from the results? What is the novelty of the work and where does it go beyond previous efforts in the literature?

2- a schematic sketch of the system should be provided for readers.

3- The turbine (or expansion machine in general) is one of the most important components in ORCs since it is responsible for power production. It is completely ignored in the study.

4- "the most viable configuration is the one with SM of 2.85 and 48 MWh of TES capacity" However, the cycle net power is not the optimum. Any justifications?