

# 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 present article presents a comprehensive review of the 1MW Solar Chimney Power Plant for a Brazilian City. A very detailed analytical model and economic analysis has been presented. A very important aspect is the hybrid energy source that the article has pointed about. The article should be published with a few modifications. Here are minor comments:

Literature of some of the prominent works must be referred. For example, the article "CFD Simulations for Performance Enhancement of a Solar Chimney Power Plant (SCPP) and Techno-Economic Feasibility for a 5 MW SCPP in an Indian Context, *energies*, 2021, 14, 3342.

A comparison of the reduction in greenhouse gas emissions due to the presently suggested system would be worthwhile to justify the cost analysis due to the intangible benefits that one might have

A comparison with similar kinds of plants with the literature (in south east asia with conditions similar to South america) in terms on the amount of power generated with respect to the area required and importance of hybrid approach may give more strength to the article