

Review of: "Analysis of Renewable Energy Deployment and Investment for Rural Health Facility Electrification: A Case Study of Kenya, Ghana, and Rwanda"

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Potential competing interests: No potential competing interests to declare.

The present manuscript has investigated/assessed the (renewable) energy supply level impacts on the level of healthcare access. The main focus of the study reported in this manuscript is the present and future investment in renewable energy to "improve" the level of access to healthcare services.

My first impression reading the manuscript is that the authors are advertising as well as advocating for investing in renewable energy supply in rural regions. The link to healthcare delivery service seems to me like an alibi.

The authors have made some groundless statements, e.g., "poor access to energy supply impacts the mortality rate." First, this statement is neither supported by any previous studies nor did the present study test the correlation between both parameters, energy supply access and mortality rate. Furthermore, I got the impression that only poor access to a renewable energy supply, but not a traditional energy supply, impacts the healthcare services delivery. I do not figure out where the authors assess this.

The authors provide some tables, the meanings of which are not clear to me. For example, Tables 1 and 2 are trying to show a relation between poor access to energy and the mortality rate. This is biased and wrong.

I am wondering why the 3 countries are selected to be study cases. The authors should explain the reasons for this choice.

The authors are advised to

1. compare traditional and renewable energy supply and the impacts of their poor access
2. assess the relation between poor access to energy supply and the mortality rate
3. compare the investment efforts of both traditional and renewable energy supply
4. explain why the study cases have been selected: What are the criteria?

The manuscript cannot be published yet. It is a bit messy.