Review of: "Socioeconomic Impacts of Hybrid Pico Hydro-Solar Generation System Implementation in Sitio Singawan, Barangay Umiray, Municipality of Dingalan, Aurora, Philippines"

Ramakrishna S.S. Nuvvula

Potential competing interests: No potential competing interests to declare.

1. What are the key components of the Hybrid Pico Hydro-Solar Generation System implemented in Sitio Singawan, and how do they contribute to the generation of electricity in the rural community?
2. How effective was the methodology employed in the research and extension program, particularly in terms of benchmark surveys, needs assessments, and the development and installation of the renewable energy system, in addressing the absence of electricity and improving the livelihoods of the Dumagat constituents?
3. What challenges were encountered in the power distribution to the community and the maintenance of the Hybrid Pico Hydro-Solar Generation System, and how do these challenges impact the sustainability and success of similar rural electrification initiatives
4. How does the paper address the long-term sustainability of the observed social impacts in Sitio Singawan through the Hybrid Pico Hydro-Solar Generation System?
5. Has the paper conducted a comparative analysis with similar rural electrification initiatives, either locally or globally, to contextualize the observed social impacts in Sitio Singawan
6. How does the paper ensure the reliability and comprehensiveness of data gathered from diverse sources, including interviews, questionnaires, participant observation, and official records, in conducting the benchmark survey and needs assessment
7. How does the paper justify the 20.49% return on investment for the Hybrid Pico Hydro Solar Generation System, and what recommendations are given for tailoring distribution systems and ensuring community empowerment in similar electrification projects?
8. What insights does the paper provide on the role of methodology, including technology development and transfer activities, in the economic sustainability and success of the Hybrid Pico Hydro-Solar Generation System in Sitio Singawan