

Review Form 1.7

Journal Name:	Journal of Energy Research and Reviews
Manuscript Number:	Ms_JENRR_97687
Title of the Manuscript:	Techno-Economic Studies of Integration of Solar PV Technology in Telecommunications Sector for Sustainable Development: A Case Study of Budiro
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

<https://www.journaljenrr.com/index.php/JENRR/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The paper presented a study that is based on identifying, analyzing, and proposing energy sources consisting of Solar PV technologies to choose an optimal alternative source to power base stations such that the operation costs for Internet Service Providers are reduced. A case study was conducted in Budiro, developing six combinations (Grid + Generator, Generator only, Generator + Solar, Solar only, Grid + Solar, and Grid only) of power sources simulated in the Homer software. However, the following aspects should be considered to improve the structure and quality of the paper:</p> <ol style="list-style-type: none"> 1. The first keyword should be the most important term which defines the paper (not Budiro). 2. The reviewed literature should refer to references indicating the drawbacks of existing studies, not only in Zimbabwe. After that, well define the mainstream of research direction, how did those previous studies perform? Employ which methodologies? Which problem still requires to be solved? Why is the proposed study suitable to be used to solve the critical problem? We need more convincing literature reviews to indicate state-of-the-art development. 3. In the Introduction part, the strong points of this proposed study should be stated and the organization of this paper to be provided at the end. 4. The mathematical tool is not adequate for a research paper. The calculation relation belongs to the design stage used in the practical cases. Even if the authors used Homer software, this is not considered a contribution. 5. The authors should consider in the analysis the uncertainty of some technical and economic variables. Thus, probabilistic or fuzzy techniques should be used to remove these uncertainties. Of course, scenario-based analyse can be considered. 6. The discussions on the findings should be better presented regarding the reason why this analysis is better than others because there is no theoretical explanation. 7. Please indicate the limits of the proposed analysis. 8. Future work should be presented in the conclusions. 	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Moderate English changes required	
<p>Optional/General comments</p>		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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