

Review Form 1.7

Journal Name:	Journal of Energy Research and Reviews
Manuscript Number:	Ms_JENRR_114223
Title of the Manuscript:	OFF-GRID PLANTS IN NIGERIA: INDICATING LOCATION, CAPACITY, PERFORMANCE AND PRESENT STATUS
Type of the Article	

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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> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> Yes The title should be something like this: "Assessment of Off-Grid Power Plants in Nigeria: Location, Capacity, Performance, and Current Status" The abstract offers a thorough overview of the study, highlighting the challenges faced by Nigeria's power sector and the importance of off-grid solutions. While comprehensive, it could benefit from including specific numerical data on the number, capacity, and performance of off-grid plants to enhance clarity and depth. Yes, the subsection looks good. Yes The references provided seem formatted inconsistently and may contain errors. Also, references must be cross-checked. Include more DOI-based papers and most of them are articles. Include at least 30+ references of recent works. Please Omit using website-based information unless they are authentic. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>English quality is moderate. Try to improve it.</p>	
<p>Optional/General comments</p>	<p>Must be answered in the literature review section:</p> <ul style="list-style-type: none"> How do off-grid power solutions contribute to addressing Nigeria's energy challenges? Why have off-grid solutions become increasingly important for Nigeria's sustainable development? What specific aspects of off-grid power plants in Nigeria need to be assessed? How does the review aim to improve the availability and accessibility of off-grid power supply in rural and underserved regions? What geographical factors are considered in the analysis of off-grid power plants? What recommendations are expected to emerge from the analysis of off-grid power plants in Nigeria? <p>Must be answered in the Conclusion section:</p> <ul style="list-style-type: none"> How does the combination of on-grid and off-grid power projects contribute to achieving full electrification in Nigeria, and what are the potential economic implications? Why is the decentralization of off-grid solutions among federal, state, and local governments emphasized in the study's conclusion? <p>Comments:</p> <ol style="list-style-type: none"> Integrating comparative analyses of off-grid solutions globally would enrich the discussion, offering insights into diverse strategies and challenges. This would enhance the research's relevance and applicability. Exploring the socio-economic impacts of off-grid solutions in rural areas is crucial for assessing their effectiveness and sustainability. Including such studies would strengthen the research's contribution to addressing Nigeria's energy access challenges. 	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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