

Review Form 1.7

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| Journal Name: | Biotechnology Journal International |
| Manuscript Number: | Ms_BJI_105577 |
| Title of the Manuscript: | ESTIMATION OF THE ELECTRICAL ENERGY POTENTIAL OF RICE HUSK BIOMASS GENERATED WITHIN EBONYI STATE, SOUTH EASTERN NIGERIA. |
| Type of the 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.journalbjournal.com/index.php/BJI/editorial-policy>)

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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) |
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| <p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. 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> | <p>Yes, the manuscript holds significant importance for the scientific community, particularly in the fields of renewable energy, sustainable development, and biomass utilization.</p> <p>The title is informative and accurately reflects the content of the study</p> <p>Yes, the abstract of the article is comprehensive. It provides a clear overview of the study's objectives, methodology, and findings. Overall, it succinctly summarizes the key aspects of the study.</p> <p>The content was organized into subsections, starting with an introduction and followed with methodology, results, and discussion. It would be helpful to continue using subsections to break down these larger sections into more manageable chunks.</p> <p>Here's a suggestion for how you might structure your manuscript using subsections:</p> <p>Introduction Energy Challenges in Ebonyi State Importance of Energy Diversification Significance of Rice Husk Biomass Literature Review Biomass Energy and its Relevance Rice Husk as a Biomass Resource Methodology Sample Collection and Analysis Biomass Conversion Power Plant (BCPP) Setup Study Area and Sampling Technique Results and Discussion Analysis of Rice Husk Mass and Characteristics Performance of the Biomass Conversion Power Plant Estimation of Electrical Energy Potential Implications and Future Prospects Conclusion Summary of Findings Policy and Implementation Implications Future Research Directions</p> <p>By incorporating these or similar subsections, you can provide a clearer structure to your manuscript, guiding readers through your research process, findings, and implications. Make sure to adapt and modify these subsections as needed to best fit the entirety of your manuscript's content.</p> <p>The manuscript is scientifically accurate and well-researched. The researcher have conducted a comprehensive study on estimating the electrical energy potential of rice husk biomass generated within Ebonyi State, South Eastern Nigeria. The researcher have discussed the methodology, results, and implications in a detailed manner.</p> | |
| <p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? | <p>The language and English quality of the article is suitable for scholarly communications. The text is well-structured, and the language used is clear and technical, which is typical for scientific writing.</p> | |

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| Optional/General comments | <p>Introduction: The introduction effectively highlights the energy challenges faced by Ebonyi State and the need for diversification of energy sources.</p> <p>Literature Review: While the researcher touched on the potential of biomass energy and the significance of rice husk, the researcher could expand the literature review to include more recent studies on biomass energy and its applications, especially in Nigeria and similar contexts.</p> <p>Methodology: The description of the methodology is clear and detailed, which is good. However, the researcher could consider organizing it more clearly by using additional subheadings.</p> <p>Results and Discussion: The results and discussion section is quite detailed, which is good for conveying the findings. However, it might be helpful to break it down into subsections for easier navigation.</p> <p>Conclusion: The conclusion effectively summarizes the study's findings and their implications. You might consider briefly discussing the limitations of the study and potential areas for future research.</p> | |
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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) |
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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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