

Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_93484
Title of the Manuscript:	Proposal and simulation of a Doubly Fed Induction Generator for the coastal zone of Benin
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.journalpsij.com/index.php/PSIJ/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)
Compulsory REVISION comments	The abstract and introduction parts of the manuscript are not informative enough to support the computational work performed. The novelty of the work is completely missing.	
Minor REVISION comments	<p>1. In the section "1. Introduction"</p> <ul style="list-style-type: none"> The objectivity of the study also needs to be emphasized in the introduction. <p>2. The RESULTS and DISCUSSION are not clearly presented and sufficient and need improvement:</p> <ul style="list-style-type: none"> Validation of the obtained computational results is extremely doubtful due to the lack of sufficient supporting experimental results (even from the literature). The structure of the manuscript is highly disorganized. It is not specified which versions of the utilized software have been used. <p>In the section "4. Conclusion"</p> <ul style="list-style-type: none"> In the sentence "These parameters allowed us to build the dynamic model by FEA in flux-2D_2022. From this model, we obtained the powers developed in the stator, in the rotor as well as the total power for an operation in a nominal regime. It was found that the obtained powers are close to the calculated theoretical powers. We then developed the thermal model of the DFIG by determining the steady-state temperature distribution in the active parts by FEA. The results obtained are satisfactory and can be used for the design of the DFIG. In addition, to complete this work, a study on the optimization and control of the DFIG is underway" without needing to be included in the conclusion section. This can be included in the introduction as the purpose and limitation of the study. 	
Optional/General comments	<ul style="list-style-type: none"> Overall, the script is good enough, but some parts need to be improved, or design concepts can be added using the research flowchart in part 2. The use of the ENGLISH language a very poor (grammatically erroneous throughout). Words like "he, she, I, you, and we" must be avoided. Please re-read the script. 	

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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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