

Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_91317
Title of the Manuscript:	Energy performances analysis of a Solar Electric Car in Togo
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 comments
Compulsory REVISION comments	<ul style="list-style-type: none"> In Abstract, please make it several sentences rather than one big sentence: "The simulation results show a considerable reduction in the vehicle's range for high driving speeds, for excessive consumption of the auxiliary electrical circuits of the car, for driving the vehicle on a large slope, and when the car is transporting a large weight". Abstract is too short. Please provides some survey data of the electricity losses and possible savings in abstract to make it more attractive Keywords are vague. I would suggest as: Electric car in Togo, Solar electric car, Energy savings for electric car, Performance improvement for electric car. Introduction: Only 164 words. Why it is so short? To support the idea of the solution and case study, survey results must be included that says about number of electric car, total passenger/% passenger of the country, losses, car energy consumptions now, what is estimated for electric consumption for future, why its need to solve in Togo perspective etc. There is no overall description in the methodology. Author/Authors suddenly selected a model and start describing it. There is no reasoning of it. Please follow some references for example: <ul style="list-style-type: none"> https://www.researchgate.net/profile/Robiul-Rubel/publication/329684642_FEA_of_Locally_Found_Mild_Steel_for_Constructing_Propeller_Shaft_of_CNG_Driven_Three-wheeler/links/5c152e91a6fdcc494ff7b727/FEA-of-Locally-Found-Mild-Steel-for-Constructing-Propeller-Shaft-of-CNG-Driven-Three-wheeler.pdf https://researchonline.jcu.edu.au/65409/1/65049_Wheatley_2021.pdf https://www.researchgate.net/profile/Robiul-Rubel/publication/362158149_AN_AUTONOMOUS_BRAKING_CONTROL_SYSTEM_FOR_A_2017_YAMAHA_GRIZZLY_700/links/62dc418082bb4729929c029e/AN-AUTONOMOUS-BRAKING-CONTROL-SYSTEM-FOR-A-2017-YAMAHA-GRIZZLY-700.pdf https://doi.org/10.15446/acag.v69n4.89795 https://www.sciencedirect.com/science/article/pii/S259012302100102X https://revue.ummto.dz/index.php/JMES/article/view/1537 These articles are model and project-based articles same as the idea presented here. You can get the idea of modifying introduction and methodology and cite these articles to make your article concrete. The subscript and superscript presented throughout the manuscript is wrong. For example: Fr is nor correct. Shout be like F_r. Italic the parameter only, not everything including super or subscript. For example, Fric should not be F_{ric}. Should be like this F_{ric}. Redraw the Fig. 2 in word. Section 2.3.1 to 2.3.6, makes these paragraph short. You can present the whole things as a mathematical model rather then making it unnecessarily long. Fig. 4, make arrow simple, above image Combine Fig. 6-7; Fig. 8-9; Fig. 10-11. This will allow reader to compare the results in the same graph and easy to follow up. Abbreviations should follow the superscript and subscript principle and italic when needed. Include the suggested references besides other references to make it a standard 20-25 at least. Also, the references style is wrong like 83(), 67-78 missing the issue number in () and so on. Conclusion does not said anything gained so far concretely. It has some general statement only. Please include what power has saved by this analysis and benefit of target. 	
Minor REVISION comments	Change title as: Energy performances analysis of a Solar Electric Car in power driving condition	
Optional/General comments		

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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>	

Reviewer Details:

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