

Review Form 3

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_124124
Title of the Manuscript:	Analysis of energy outputs photovoltaic power plants under extremes climatic conditions - Case of the Sahel
Type of the Article	Research

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This study is very important for the optimal sizing of PV solar generators. It is important to choose the preferable number of panels suitable for the limited load.	
Is the title of the article suitable? (If not please suggest an alternative title)	No "Optimal sizing of output energy of PV power plants under extreme climate conditions: Sudanian Sahel as a case study".	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	yes	
Are subsections and structure of the manuscript appropriate?	Yes, if the title of the article is changed accordingly.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	<ol style="list-style-type: none"> 1- In equation(4), the term(V) must be defined. If it is for the module in Fig. (4), the equation(4) becomes wrong. If it is for each solar cell, the equation(4) becomes wrong also, due to the term Ns must be eliminated from the equation. 2- What is the relation between Figs. (1&2) of Burkina Faso and Sudanian Sahel climate? The meteorological specifications of both must be shown. 3- Cj in equation(10) must be defined. 	
Are the references sufficient and recent? If you have suggestions for additional references, please mention them in the review form.	Yes	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	yes	
Optional/General comments	The manuscript title must be changed. Equation(4) must be corrected.	

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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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