

## Review Form 1.7

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|--------------------------|---|
| Journal Name:            | <a href="#">Journal of Energy Research and Reviews</a>  |
| Manuscript Number:       | Ms_JENRR_99689  |
| Title of the Manuscript: | Correlation between Photovoltaic energy production and certain climate parameters: Case study in the Plateau Department in Southern Benin |
| Type of the Article      | Short 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.journaljenrr.com/index.php/JENRR/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) |
|---|---|---|
| <b>Compulsory REVISION</b> comments<br>1. <b>Is the manuscript important for scientific community?</b><br>(Please write few sentences on this manuscript)<br>2. <b>Is the title of the article suitable?</b><br>(If not please suggest an alternative title)<br>3. <b>Is the abstract of the article comprehensive?</b><br>4. <b>Are subsections and structure of the manuscript appropriate?</b><br>5. <b>Do you think the manuscript is scientifically correct?</b><br>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b><br><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b> | 1. This manuscript is about investigating the correlation between climate and PV power output. This information is important for scientific community.<br>2. The title is suitable.<br>3. The abstract is complete as a scientific article.<br>4. The subsections and structure of the manuscript are appropriate.<br>5. In Results and Discussion also in Conclusion: Increasing temperature increases the generated PV power? It has been known very well in many research reports that the increase of temperature cells will decrease the PV power output and the efficiency of PV decreases as temperature increases, because every PV module has a negative power temperature coefficient. The author should discuss this matter clearly.<br>6. The references are sufficient and recent. |   |
| <b>Minor REVISION</b> comments<br>1. <b>Is language/English quality of the article suitable for scholarly communications?</b>   | The language/English quality is suitable for scholarly communications<br>However, In Table 3, please correct the language used in English: "Rayonnement solaire global"   |   |
| <b>Optional/General</b> comments  | The manuscript is worth to be published with some corrections.  |   |

### 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) |
|--|---|---|
| Are there ethical issues in this manuscript? | (If yes, Kindly please write down the ethical issues here in details) |   |

### Reviewer Details:

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| Name:                            | Ayong Hiendro                     |
| Department, University & Country | Tanjungpura University, Indonesia |