



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_47540
Title of the Manuscript:	The impact of air mass on the performance of a Monocrystalline Silicon Solar Module in Kakamega
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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	<p>Language: Some words and sentences should be changed in order to clarify the meaning.</p>	
Minor REVISION comments	<p>Suggested alterations (suggested words are in brackets written in red) :</p> <p>Line 21: ... biomass and geothermal sources.</p> <p>Line 23: This leads (forces) the ...</p> <p>Line 51: Climatic or seasonal ...</p> <p>Line 57: The module conversion efficiency (η), fill factor (FF), maximum power (P_{max}), short circuit current (I_{sc}) and open circuit voltage (V_{oc}) ...</p> <p>Line 70: ... is mathematically expressed as:</p> <p>Line 71: Where power input P_{in} equals: $P_{in} = \dots$ (otherwise it is not quite clear)</p> <p>Line 142: ... This is attributed by (to) the presence ...</p> <p>Line 152: ... hence the least (lowest) value ...</p> <p>Line 161: ... in terms of its response (output) ...</p> <p>Line 168: ... produced by the module reduced (decreased) with ...</p>	
Optional/General comments	<p>This is a very good report study of the insolation for the specific location. The impact of air mass on the output characteristics of solar module is thoroughly investigated. Though the obtained results, and consequently conclusions drawn from them, are just a confirmation of the already established facts (as suggested by the authors also), this investigation could be very significant contribution for possible data base of the insolation in the Kakamega area and wider. Such data base could stimulate wider application of PV solar systems as an important renewable energy source throughout Kenya and Africa.</p> <p>The title and the abstract are coherent and appropriate to the content of the paper, and the paper as a whole is well structured and clear.</p> <p>In my opinion, the paper should be published in its present form, with minor editing of language.</p>	

PART 2:



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	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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