

### Review Form 3

Journal Name:	<b>Current Journal of Applied Science and Technology</b>
Manuscript Number:	<b>Ms_CJAST_120380</b>
Title of the Manuscript:	<b>ECONOMIC ANALYSES OF INTEGRATING SOLAR INVERTER INTO THE EXISTING ENERGY SYSTEMS IN NIGERIAN HEALTHCARE CENTERS</b>
Type of the Article	<b>COMPREHENSIVE- HOMER SOFTWARE TOOL BASED ANALYSIS</b>

#### **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://r1-reviewerhub.org/general-editorial-policy/>

#### **Important Policies regarding Peer Review**

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Benefits for Reviewers: <https://r1-reviewerhub.org/benefits-for-reviewers>

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#### **PART 1:** Review Comments

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.	Importance is use of HOMER software directly for analysis. The application of the system is interesting and appreciable.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes.	
Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.	Yes comprehensive. It may include the author contributions apart from using HOMER tool.	
Are subsections and structure of the manuscript appropriate?	Partial. The general layout of the solar inverter system is shown. The details of sizing of the solar inverter system, which plays a major role in cost analysis is missing.	
Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.	The article is acceptable for a research work, but not technically sound enough. Apart from using HOMER software, the author could concentrate more on detailing the sizing of the system, grid systems, cost analysis thereafter.	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.	Sufficient.	
<b>Minor</b> REVISION comments		
Is language/English quality of the article suitable for scholarly communications?	Yes.	
<b>Optional/General</b> comments	--	

#### **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

#### **Reviewer Details:**

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