



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Energy Research and Reviews</a>
Manuscript Number:	<b>Ms_JENRR_46643</b>
Title of the Manuscript:	<b>Hybrid Renewable Energy Systems for Electricity Generation and Grid Supply in Nigeria</b>
Type of the Article	<b>Original Research Article</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: (<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)
<b><u>Compulsory</u></b> REVISION comments		
<b><u>Minor</u></b> REVISION comments	<p>01- In the second paragraph of the introduction the authors revise seven article within 12 lines of text. I believe they can extract more substantial information from those articles.</p> <p>02- Both article [8] and [10] analyse six sites/communities in Nigeria, are those six the same? Is there anything particularly interesting about those?</p> <p>03- Fishbone et al. 1983 is not in references.</p> <p>04- I believe the authors should better justify why making "a case for profit maximization by modelling Nigeria's renewable fiscal regime ad developed by NERC" is relevant. Better explain what the paper is to contribute to change.</p> <p>05- Consider re-writing "welfare maximization of the citizens"</p> <p>06- In section 2.2 the authors say "The emission from a diesel generator is much higher than the emission from a PV" Could you elaborate in this?</p> <p>07- Also the "fossil fuel trap" should be presented in more detail.</p> <p>08- In table 3.3 the authors use "@", what is this supposed to mean?</p> <p>09- In table 3.4 the authors use "N'mm", what is this supposed to mean? Is it a currency? If so it should be explained somewhere.</p> <p>10- The authors should elaborate more on the discussion of table 4.2, why PV to HRES beyond 50% leads to higher marginal costs? Where is the loss? And why is the energy tariff charged per MW of power generated by HRES cheaper than the energy tariff per MW charged by solar PV system?</p>	
<b><u>Optional/General</u></b> comments		

**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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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