



SDI Review Form 1.6

Journal Name:	Journal of Energy Research and Reviews
Manuscript Number:	Ms_JENRR_53973
Title of the Manuscript:	Techno-Economic Analysis of Hybrid PV-Diesel-Battery Mini-Grid in Rural Bangladesh
Type of the 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>)



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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>The authors presented a techno-economic analysis of hybrid microgrids based on renewable energy sources. The case study is an area in Bangladesh. The HOMER software is used for numerical simulations. The paper is well written and allows a good reading. However, in my opinion, some changes are needed. Comments below help the authors in understanding how their paper can be improved. C # 1 the paper is excessively long C # 2 it is not clear which models were designed by the authors and which are from HOMER C # 3 the conclusions do not represent a step forward. At the same time, some conclusions are obvious and highly questionable, for example "... initiatives that use solar energy for domestic use in order to obtain a more reliable (highly questionable) and economic (obvious) generation of energy" . Other conclusions are obvious, for example "... hybrid mini-grid can reduce the carbon footprint by a significant percentage compared to the existing system (obvious)". C # 4 the original contribution of this paper is not well stated and explained. Who is the reader to whom the paper is addressed? From what perspective is the case of Bangladesh studied? Is this manuscript primarily aimed at technical, economic or political issues? C # 5 is this paper of exclusive interest to Bangladesh and to a small group of people and researchers? It seems so. It is! then why submit the paper to an international journal? It is not! then change the manuscript and give it a wider perspective</p>	
Minor REVISION comments		
Optional/General comments		



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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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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