



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2013_BJAST_8772
Title of the Manuscript:	Performance Analysis of Parabolic Trough Collector in Hot Climate
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>)



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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	What is the need behind taking a case study, while in the experimental analysis, it is not essential?, Even this does not match with the article. Kindly explain.	In our opinion, the case study demonstrates the reliability of integrating parabolic trough collector in building especially in hot climate of Kuwait. As demonstrated by the obtained results, heating and cooling load can be satisfied by employing parabolic trough collectors. In addition to investigating the feasibility of integrating a parabolic trough collectors. So, this can encourage building designers to convert existing building to nearly net zero energy building. In addition to demonstrating the environmental impacts of integrating parabolic trough collectors in buildings.
Minor REVISION comments	Reduce the theory of the article from the section 1 and 2. Focus on your work by taking some genuine references instead of providing the well known theory of solar radiation assessment and performance evaluation method of a CPC.	The second reviewer asked for more details about the theory and NUMERICAL MODEL. Also, he asked to add partial differential equations to be solved, the emerging set of algebraic equation, etc. So, reduction of theory will be in contradict with the requirement of the second reviewer
Optional/General comments	Improve the English and make the sentences meaningful Ethical issue : Yes (section 1 & 2)	English is proofed throughout the text. Also, sentences are made shorter to make them meaningful.