



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_13609
Title of the Manuscript:	A general review on Photovoltaic, modeling, simulation and economic study to build 100MW power plant in Lebanon
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)
<u>Compulsory</u> REVISION comments	1-Subsection 2.3 is not relevant to the title; the technique of cell fabrication has nothing to do with modelling and simulation of photovoltaic. 2-There are several algorithms of MPPTs not mentioned in the review; the advantage of P&O comparatively to other MPPTs has to be mentioned. 3-Hybridization with wind is likely to be cited even if is not relevant to power plant in Lebanon. 4-Protection techniques of modules and panel are not mentioned. 5-Regulation of energy flow during hybridization.	Done Done Hybridization section is removed It is not the main goal of this study. It is not the main goal of this study.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	-25 references are not enough to cover the review and economic study of 100MW power plant. For example the author didn't mention how to deal with the access of energy from PV plant. -The economic study is based only on one example used as reference of comparison.	Done. More references are added -Other references have different values because they are not applied in the same country or region, but we have taken the references which could be implemented for the Lebanese case