



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	2015_BJAST_17350
Title of the Manuscript:	Isothermal and Adiabatic Expansion Based Trilateral Cycles
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		
<u>Minor</u> REVISION comments	Data taken for Helium for the case study is from the reference [6], thus authors cannot claim it as original research. Since it is kind of computation from the secondary data, thus need to be more elaborated or validated by the experimental results, while claiming thermal efficiency high to the extent of 41.9% for He considering Carnot Factor 9.1%.	
<u>Optional/General</u> comments	Article is well structured and gap of work is also defined as the study is to efficiently convert low temperature heat mainly from ocean, geothermal, solar and industrial residual power sources by means of the proposed thermal cycle into electric energy. It appears to be good article and can be considered for publication after adding revision comments.	

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