



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	2014_BJAST_12111
Title of the Manuscript:	Power plant driven by residual heat rejected by the bottoming low pressure steam turbines
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	The bottoming or usage of the waste heat is valuable effort to increase the power cycle efficiencies but it is necessary to respect the basic thermodynamic laws. The statements like "thermal cycles whose thermal efficiency are not restricted by the Carnot factor" has to be explained with more details. The suggested IECC is in fact variation of the Stirling engine where the „free piston“ is replaced by the valves. The suggested efficiencies is not possible to reach. Generally the effort to work in this field is valuable but then the paper has to be completely rewritten.	As Carnot defined its Carnot efficiency In this cycle a theoretical thermal efficiency is also defined which in certain conditions is greater than Carnot factor
Minor REVISION comments		
Optional/General comments		