



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_12111
Title of the Manuscript:	Power plant driven by residual heat rejected by the bottoming low pressure steam turbines

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The paper addressed an important issue in power plant and it is a novel paper. Notwithstanding, the following flaws were observed: (1) The paper lacks clear objective. This should be clearly stated towards the end of the introduction. (2) There are lot of grammatical errors. These should be corrected by the author(s) (3) Equations 10 and 11 are not in standard format (4) There is inconsistence in referencing. This should be corrected.	(1) The following text has been stated and placed at the end of the introduction in order to state the objectives of the paper. "in this paper it will be demonstrated that a very different concept of low grade heat based power plants operating with thermal cycles based on closed systems transformations are possible as described in [27] and [28]. In summary, mechanical work is being developed while heating or cooling a working fluid. Since the cooling processes are carried out at a very low cost, this singular characteristic contributes significantly to the efficiency increasing with respect to the conventional thermal engines. Since these phenomenon occurs at relative low temperature, which is traditionally the temperature of the residual heat, this paper aims to apply the proposed new technique capable for using efficiently the residual heat, consisting of converting thermal energy to mechanical work by means of the thermal cycles based on closed systems transformations [27] and [28] by means of the expansion-contraction cylinders described in next section". (2) of grammatical errors have been corrected (3) Equations 10 -12 have been corrected to fulfil standard format (4) References have been corrected to fulfil the standard format Thank you for your valuable suggestions