



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_37937
Title of the Manuscript:	PERFORMANCE AUGMENTATION OF A GAS TURBINE PLANT USING AN ABSORPTION REFRIGERATION SYSTEM
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>)

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	In this paper the performance enhancement of gas turbine power plants by cooling the compressor intake air with an absorption refrigeration system was studied. The results showed that when the intake air temperature decreases by 10-15°K, the Efficiency and Net-work output increases by 7% & 4% respectively. - The study is very interesting and manuscript is also properly structured. - Following amendments are needed- Line 95: 2. Materials and Methods should be replaced with Parameter and Methodology Line 277: Results and Discussion should be replaced with 3.0 Results and Discussion Line 290: 3. Discussion should be deleted	- Materials and methods have been replaced with Parameter and Methodology - Results and Discussion have been replaced with 3. Results and Discussion - Discussion has been deleted
<u>Optional/General</u> comments	Manuscript is interesting and structured properly. <i>The review manuscript is recommended for publication after incorporating above suggestion / comments.</i>	