



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	The author has carried out the gas turbine power improvement by reducing the inlet air temperature in MATLAB software. 1. The inlet air was cooled by ARS and you have mention evaporative cooling system in line number 211-248. What type cooling system used and how much auxiliary power consumed. 2. In table 2 and 3, mention the fuel consumption and GT heat rate. 3. Mention the type of gas used and its properties.	1. Cooling by ARS was used 2. Fuel consumption in specific fuel consumption, S_{FC} is mention in tables 2 and 3. GT heat rate HR is added to tables 2 and 3 3. LPG fuel was used and stated. Thanks
<u>Optional/General</u> comments		