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EFFECT OF INLET AIR COOLING ON THE GAS TURBINE PERFORMANCE USING EVAPORATOR AND VAPOUR ABSORPTION COOLERS AT THE HQ-2 DAUR SSGCL GAS COMPRESSION STATION

Reviewer 1: --

1. The sentence construction should be proper in several sections in this article to be modified.
2. In several sections' sentences and paragraphs have some margin and space problem, which needs to be properly adjusted.

3. In several sections, sentences have spelling and grammar mistakes, which need to be corrected.

Page No.	Actual	Suggested
1	*converts energy*	*converts the energy*
1	*of gas*	*of a gas*
1	*with rise*	*With the rise*
1	*decreases performance*	*decreases the performance*
1	*Turbine*	*Turbines*
1	*and other*	*and the other*
1	*Evaporative*	*The Evaporative*
1	*for wide*	*for a wide*
1	*of gas turbine*	*of the gas turbine*
3	The way a gas	The way gas
3	Pressure	the pressure
3	rise in temperature	with the temperature rise
3	of turbine. In exhaust	of a turbine. In the exhaust
3	of rate	of the rate
3	applying number	applying several
3	of gas	of the gas
3	cooling of intake	cooling intake
3	Are	Is
3	about effect	studied the effect
4	increases power	Increases the power
4	of compressor	of the compressor
4	performed comparative	performed a comparative
4	of gas	of the gas
4	increases net power	increases the net power
4	of G11	of the G11
4	at Zangbagh	At the Zangbagh
4	of rapid	of the rapid
4	for study	for the study
4	on monthly bases	every month
5	which limits	that limits

5	System	Systems
5	without inlet	without an inlet
5	Pressure	The Pressure
6	at compressor's	at the compressor's
6	of compressor	of the compressor
6	Above	The Above
6	of first	of the first
6	of air	of the air
6	combustion chamber	the combustion chamber,
6	to lower	to the lower
7	power produce by produced by turbine	power production produced by the turbine
7	is total	is the total
7	to fogging	to the fogging
7	injected to the	injected into the
7	with evaporative	with an evaporative
8	requires in a very	requires a very
8	is mass	is the mass
8	as solution	as a solution
8	is Coefficient	is the Coefficient
9	Above	The above
9	Consider	Considering
9	of Taurus-60	of the Taurus-60
9	using Engineering	using an Engineering
9	Is	Are
9	Figure shows comparison	The figure shows a comparison
9	error 7.60%	error of 7.60%
10	shows simulated	shows the simulated
10	From graph	From the graph
10	with increase in temperature	with an increase in the temperature
10	Average	The Average
10	of studied	Of the studied
10	that power	the power
10	decreases power output of turbine	decreases the power output of the turbine
10	From graph	From the graph
10	of studied	of the studied
11	on thermal	on the thermal
11	of power	of the power
11	From graph	From the graph
11	with inlet	With the inlet
11	without cooling	Without a cooling
11	with increase	with an increase
11	of evaporator	of the evaporator
11	Temperature	A Temperature
11	when intake	when the intake
11	having effectiveness 0.89	having effectiveness of 0.89.
11	of turbine	of the turbine

12	of base case/cycle increases	of the base case/cycle increase
12	Below	The Below
12	Blub	Bulb
12	of air, however	of the air, however,
12	for wide	for a wide
13	Graph given below shows that thermal	The graph given below shows that the thermal
13	with VA	with a VA
13	of compressor	of the compressor
14	in graph at same	in the graph at the same
14	of results	of the results
14	reduces power	reduces the power

Comments to Editor :

1. After some modification as per the reviewer's comments, the article can be accepted for possible publication

Reviewer 2: --

1. The paper should be written properly in JMCMS Journal format.

2. References and in-text citations are not in JMCMS Journal format. More references should be included and sequentially/adequately arranged, as cited in the text.

3. Authors are advised that the abstract part should be more specific.

4. Result and Discussion section should be specific and informative.

5. Conflict of interest regarding the article should be mention in the text.

Comments to Editor :

1. This article needs some modification. After some modification, the article can be accepted for possible publication.

Reviewer 3: --

1. The Paper should be written in JMCMS Journal format.

2. References and in-text citations are not in JMCMS format. More references should be included and sequentially/adequately arranged, as cited in the text.

3. The abstract part is needed to be modified and try to write in short.

4. All the pictures should be clear and the resolution should be high.

5. Conflict of interest regarding the article should be mention in the text.

Comments to Editor :

1. After modifying the said points, the paper can be accepted for possible publication.

[Note: This is a computer-generated Report hence, no need for any Signature.]