

## Review Form 1.6

Journal Name:	<a href="#">Journal of Engineering Research and Reports</a>
Manuscript Number:	Ms_JERR_91088
Title of the Manuscript:	EFFECT OF THE NUMBER OF SPLINED BLADES OF A LOCALLY-FABRICATED TURBINE ON THE PERFORMANCE OF A SIMPLIFIED PICO HYDROPOWER 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:

(<https://www.journaljerr.com/index.php/JERR/editorial-policy> )

### 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)
<b>Compulsory</b> REVISION comments	1- The unit of velocity in equations(3,4 & 7) must be defined. 2- Fig.9 is not true, it is a anomalous, due to the electrical output power cannot be increased with speed increasing, due to increasing the speed will reduce the torque at constant output power (power =speed*torque) 3- In fig.10 the output power increased due to increasing the nozzle diameter not increasing the number of blades. Increasing the number of blades will increase the velocity only and reduces the torque with constant output power. 4- In fig. 11 the efficiency increased due to increasing the nozzle diameter not increasing the blade number.	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

### PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

### Reviewer Details:

Name:	Bilal Abdullah Nasir
Department, University & Country	Northern Technical University, Iraq