

**Review Form 1.6**

Journal Name:	<a href="#">Journal of Energy Research and Reviews</a>
Manuscript Number:	Ms_JENRR_86795
Title of the Manuscript:	Wind Energy Production from Vertical Axis Wind Turbine on Offshore Production Platforms in Trinidad
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.journaljenrr.com/index.php/JENRR/editorial-policy> )

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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)
Compulsory REVISION comments		
Minor REVISION comments	<p><b>Page 2</b> This figure should be made clearer</p> <p>Figure 1 was not mentioned in the body of the article</p> <p><b>Page 2</b> <b>This figure caption should be written as:</b></p> <p><b>Figure 1.</b> Map of Trinidad Showing Offshore Production Platforms</p> <p><b>This figure caption should be centred</b></p> <p><b>Page 4</b> This figure should be made clearer</p> <p><b>This figure caption should be written as:</b></p> <p><b>Figure 2.</b> Monthly Average Offshore Wind Speed in meters/sec</p> <p><b>This figure caption should be centred</b></p> <p><b>Page 4</b> This figure should be made clearer This statement should be reframed as:</p> <p>As the turbine rotates, the blades' respective angle of attack (<math>\alpha</math>) changes continuously, creating powerful unsteady effects in the flow sector as shown in figure 3</p> <p><b>Page 4</b> <b>This figure caption should be written as:</b></p> <p><b>Figure 3.</b> Changing Angle of Attack with Rotation at different Tip Speed Ratios</p> <p><b>This figure caption should be centred</b></p> <p><b>Page 5</b> This figure should be made clearer Figure 4 was not mentioned in the body of the article</p> <p><b>Page 5</b> <b>This figure caption should be written as:</b></p> <p><b>Figure 4.</b> Double Multiple Streamtube Model</p> <p><b>This figure caption should be centred</b></p> <p><b>Page 5</b> The equations should be mentioned in the body of the article The dotted lines should be removed</p> <p><b>Page 7</b></p>	<p>Figure 1 was made clearer.</p> <p>Figure 1 was mentioned in 2.3, so I moved Figure 1 to this part of the article.</p> <p>Figure 1 caption changed.</p> <p>Figure 1 caption centred.</p> <p>Figure 2 made clearer.</p> <p>Figure 2 caption changed</p> <p>Figure 2 caption centred</p> <p>Statement re-phrased</p> <p>Figure 3 caption changed and centred</p> <p>Figure 4 was made clearer and mentioned on page 5 now.</p> <p>Figure 4 caption changed and centred</p> <p>Some of the Equations are now mentioned in the body.</p> <p>Dotted lines removed</p>

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	<p>The table caption should be aligned with the table</p> <p><b>Page 7</b> This figure should be made clearer</p> <p><b>This figure caption should be written as:</b></p> <p><b>Figure 5.</b> Tip Speed Ratio Vs Coefficient of Performance</p> <p><b>This figure caption should be centred</b></p> <p><b>Page 8</b> This figure should be made clearer</p> <p>Figure 6 was not mentioned in the body of the article</p> <p><b>This figure caption should be written as:</b></p> <p><b>Figure 6.</b> VAWT Power Output</p> <p><b>This figure caption should be centred</b></p> <p><b>Page 8</b> <b>This should be written as:</b> 5.43 kW</p> <p><b>Page 9</b> This unit should be spaced from the value as: 20 kW</p> <p><b>Page 9</b> <b>This should be written as:</b> 151.11 kW</p> <p><b>Page 10</b> The references should be arranged properly and the journal references format be followed strictly</p>	<p>Table caption aligned with table</p> <p>Figure 5 made clearer</p> <p>Figure 5 caption changed and centred</p> <p>Figure 6 made clearer</p> <p>Figure 6 caption changed and centred</p> <p>Value changed</p> <p>Changed</p> <p>Changed</p> <p>References reviewed</p>
<p><b>Optional/General</b> comments</p>	<p>General Comments</p> <p>The Title is appropriate</p> <p>The introduction is well detailed</p> <p>The methodology is well spelt out</p> <p>The results are well analyzed and discussed</p> <p>The conclusion is appropriate</p> <p>The references were cited well</p> <p>The references should be arranged properly and the journal references format be followed strictly</p> <p>Recommendation: Minor Revision</p> <p>Overall: 70 %</p>	

PART 2:

	<p><b>Reviewer's comment</b></p>	<p><b>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></p>
<p>Are there ethical issues in this manuscript?</p>	<p><u>(If yes, Kindly please write down the ethical issues here in details)</u></p>	