

Interactive comment on “Skewing angle magnet and coil reduced starting torque in a permanent magnet synchronous generator for a small vertical axis wind turbine” by Priwan Pongwan et al.

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Received and published: 12 January 2021 Comments There are a couple of dubious statements that could be removed without injuring the technical aspects of the paper and which would add some credibility to the authors. - Sentence at line 46, beginning with "Presently," is one example. - The sentence at line 32 beginning with ""In utilizing future....," is another example. Both statements

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will generate a lot of debate and neither topic should be considered settled. Likely, these topics will be settled in a direction opposite what the authors claim.

Edited by Montri Luengchavanon and the team

This article have deleted the sentence at line 32 as below:

- In utilizing future offshore wind energy, the vertical axis wind turbine (VAWT) is expected to perform better than the horizontal axis wind turbine (HAWT). This is because the VAWT has a lower center of gravity and simple mechanical structure, which is easy to fabricate, and requires low maintenance. Moreover, the VAWT has a high potential to be scaled to a number of different sizes (Paquette and Barone, 2012).

For protection the generated a lot of debate between both statements.

Please also note the supplement to this comment:

<https://wes.copernicus.org/preprints/wes-2020-101/wes-2020-101-AC1-supplement.pdf>

Interactive comment on Wind Energ. Sci. Discuss., <https://doi.org/10.5194/wes-2020-101>, 2020.

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