

Interactive comment on “Top Level Rotor Optimisations based on Actuator Disc Theory” by Peter Jamieson

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Thank you for your comments.

I fully see the force of your comments having read through afresh and have I hope addressed all your points. I have made major revisions creating an introduction section which outlines the structure of the paper basically as in three sections a) demonstrating optimizations from basic AD theory leading to low induction and secondary rotors b) more extended discussion of low induction c) more extensive discussion of secondary rotors based VAWT primary as most promising application. Within the introduction I have outlined the background in each area and included most of the references. Only the references to the twin rotor concept which emerges later as an option for secondary

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rotors are left in place as it is most natural to have them there and it is not a central theme of the paper.

Interactive comment on Wind Energ. Sci. Discuss., <https://doi.org/10.5194/wes-2019-63>, 2019.

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