

General comments

The paper has been significantly improved and the authors have made good efforts to address the reviewers concerns.

There are still several places where the paper has unusual English usage. There are still a few typos as well. I recommend that the authors work through the paper with a native English speaker and editor to address the typos and unusual language usage.

Detailed comments

I am still not completely satisfied with the explanation and discussion around the linearization applied by dropping the square root in Eq. 20 of the revised manuscript. I would like to see more justification for this approach. I understand the approach may be acceptable because the term within the square root will generally be between 0 and 1, where the sum and the square root of the sum are similar. However, the authors do not give such an explanation in the manuscript. I also think it would be useful to recognize that dropping the square root may introduce as much as 25% error to the terms inside the square root depending on the wake deficits in the farm. The 25% error may be acceptable in this case, and I expect the error will usually be closer to 10%, but I think it bears mentioning.

