

## ***Interactive comment on “Hurricane eyewall winds and structural response of wind turbines” by Amber Kapoor et al.***

**Amber Kapoor et al.**

arwade@umass.edu

Received and published: 18 September 2019

In response to two reviews we have made several corrections and added explanation to several points. Most significantly, we have re-analyzed our simulation data as a series of six ten-minute intervals rather than a single one-hour interval to allow for uncertainty between simulations of a stochastic wind field. This re-analysis resulted in only very minor changes to the numerical results and no change to the qualitative interpretation of those results. Nevertheless, we agree with the reviewer that presenting maxima from a single one-hour simulation improperly neglected stochasticity of the response.

We have prepared and uploaded a detailed response to reviewers and have typed any new text in the manuscript in bold face so that the reviewers and editors may more

C1

easily identify changes.

We appreciate the time and effort devoted to the review process.

Please also note the supplement to this comment:

<https://www.wind-energy-sci-discuss.net/wes-2019-14/wes-2019-14-AC2-supplement.zip>

---

Interactive comment on Wind Energ. Sci. Discuss., <https://doi.org/10.5194/wes-2019-14>, 2019.

C2