

Wind Energ. Sci. Discuss., referee comment RC4
<https://doi.org/10.5194/wes-2021-12-RC4>, 2021
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Comment on wes-2021-12

Anonymous Referee #2

Referee comment on "UNAFLOW: a holistic wind tunnel experiment about the aerodynamic response of floating wind turbines under imposed surge motion" by Alessandro Fontanella et al., Wind Energ. Sci. Discuss., <https://doi.org/10.5194/wes-2021-12-RC4>, 2021

This paper summarizes an experimental campaign focused on better understanding the loading and wake behavior of a wind turbine when undergoing large motion excursions as would occur on a floating wind platform. The purpose of the test and importance are well defined, as well as good references to other work in the area. In general, the paper is a good contribution to the scientific community that should be considered for publication.

I have supplied mostly minor comments in the attached edited version of the manuscript. Some grammatical issues were directly identified in the attachment, but a thorough editing of this paper would be valuable before publication.

With datasets of this type, if open, it would be useful to share a location (or contact) to access the data. I understand the OC6 project will be working with the data, and perhaps that will be a better venue to open up access if that is the intent.

Please also note the supplement to this comment:

<https://wes.copernicus.org/preprints/wes-2021-12/wes-2021-12-RC4-supplement.pdf>