

Interactive comment on “Probabilistic Design of Wind Turbine Blades with Treatment of Manufacturing Defects as Uncertainty Variables in a Framework” by Trey W. Riddle et al.

Anonymous Referee #1

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This paper is presented very well and introduces some really interesting aspects in probabilistic performance characterisation of wind turbine blades. The following minor comments might help to improve the paper: 1. The title of the paper may need a rethink. I have expected further discussions on links between safety factors and design expectations. 2. Some enhanced discussion on target reliability levels and links to blade life time would be helpful. 3. Section 3.4 seems very interesting but limited information is given, is it possible to expand the discussion around Figures 19 and 20? 4. The paper seems to end without many concrete conclusions, is it possible to improve this section? 5. There are some typos in the paper, please recheck the draft manuscript.

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