

Interactive comment on “Development and feasibility study of segment blade test methodology” by Kwangtae Ha et al.

Anonymous Referee #2

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General comments: very interesting study, which contributes to the scientific progress in wind turbine blade test methodology. Some comments follow, which could improve the understanding of the study and results.

Specific comments: 1. Line 34. Could the author be more specific about which blades have been used for the simulations? 2. Line 96. Motivate why the limit of 300kN/m and 100kN were chosen. 3. Line 186/187. Comment that the test time is lower for 70%, for the lead-lag fatigue results 4. Line 191. Reduction up to 42% referred to the test case without stiffness. It might be better to refer to the full-length test, giving an absolute %. 5. Line 191. Comment the reduction for both 60m and 90m. 6. Figures 11 and 12. Switch the figures, in order to have the same sequence as Fig. 10 (first Flap and second Lead-lag). (Or switch Fig.10, just be coherent). 7. Conclusion. Start with a

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short paragraph which explains the purpose of the study.

Technical corrections: 1. In abstract, “time saving up to 43% and 53%”, while in conclusion, “time saving up to 43% and 52%”. One of them is wrong. 2. Line 42. I would write “The segment testing procedure...” 3. Line 64. “can BE clamped” 4. Line 219. “However, THE...”

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