

Review of the paper “The Actuator Farm Model for LES of Wind Farm-Induced Atmospheric Gravity Waves and Farm-Farm Interaction (Revised version 2)”.

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Recommendation: Accept.

Summary:

The author has thoroughly addressed the comments and concerns, significantly improving the paper. The reorganization of former sections 2.3 and 2.4, along with the detailed explanation of the wall modeling approach in Appendix A and its verification in Appendix B, has made the discussion much clearer and more complete. Additionally, the newly added simulation using the coarsest grid resolution of 60×60 m, as presented in Appendix C, effectively answers my earlier questions. Overall, I believe the paper is suitable for publication in *Wind Energy Science*.

References