

Interactive comment on “Simplified support structure design for multi rotor wind turbine systems” by Sven Störtenbecker et al.

Anonymous Referee #2

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The present is a clear, well structured, parametric analysis of the costs linked to the support structure for multi-rotor concepts, varying a number of key design parameters.

The need for this level of simplification is well justified, and the source of the hypotheses / assumptions are always cited, making this work a good step forward toward the investigation of multi-rotor wind turbines.

I did not identify any major technical error, the methodology is clear and well backed up with references. The paper is well written, with a logic structure and flow, and no typos/errors.

The only minor comment would be the following: it seems that the parametric investigation has been conducted with the aim of identifying an "optimum" or "optima", and

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the identification of these optima has been done manually. Due to the simplifying assumption, this approach can be considered suitable.

Nonetheless, and especially considering a possible future work continuation, where the level of complexity of the problem will probably be enhanced, as well as the number of configurations, it would be suitable to frame the whole problem formally as an optimisation problem, and take advantage of state-of-the-art optimisation approaches.

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