

Dear Editor in Chief,

We would like to thank again the Associate Editor. Her comment to put the paper in a better context is now clearer to us. We have therefore amended both the introduction and conclusion of the paper to discuss certain tower design aspects in more details. Changes are highlighted in green and are summarized hereafter.

On page 2, we remove the reference to steel towers and emphasize that the orders of magnitude given (which were asked by another Reviewer) are very much property-dependent. In this respect, we reference the paper suggested by the Associate Editor. Additionally, we highlight the fact that the present study is also motivated by the current trend to decrease the frequency of the first tower mode of vibration.

On page 20, we add some current trends in the design of wind turbine towers, as discussed in the paper recommended by the Associate Editor. We further highlight the challenges in terms of frequency decrease and relevance for the installation phase of wind turbines.

We hope that these changes put our study a little bit more in the context of wind turbine tower design and we thank again the Editor for her advice to improve the quality of our manuscript.

Best regards,  
Axelle Viré