The authors have correctly responded to most of my comments. The authors mentioned in their response that they included a discussion on the power coefficient around Line 178, but I could not find this.

- R: The authors appreciate the reviewer's thorough assessment and apologize for any confusion regarding the power coefficient discussion. The intended reference was to line 378, specifically the paragraph beginning on line 377, where we discuss the use of the cubed velocity as a metric for estimating the power available for extraction in the wake.

The authors may have forgotten to add additional text. In addition, the authors write in their response a 1D momentum equation for $C_p : C_p = a(1-a)^2$, is this correct? There seems to be a "4" missing or do I misunderstand something?

- R: The authors acknowledge the reviewer's attention to detail. The correct expression for the power coefficient C_p in the idealized model is indeed $C_p = 4a(1-a)^2 = 0.56$.

In addition, the actually power coefficient might not follow 1D momentum theory of a horizontal axis wind turbine. Therefore, I recommend a minor revision to allow the authors to add a discussion on the power coefficient. I believe that the information on the power coefficient is important to be able to provide the reader information on the potential of reduced land use compared to traditional wind farms of horizontal axis turbines, made in the conclusion. If proper information on the power coefficient is not available, then I would recommend to remove the land use reduction statement from the conclusion.

- R: The authors accepted the reviewer's recommendation regarding the addition of a discussion on the power coefficient. We have incorporated a comprehensive analysis of the C_p values across configurations, starting on line 385. In light of this addition, the final 1.5 pages of the manuscript are now dedicated to exploring power and power extraction within the proposed system. We trust that these revisions fully address the reviewer's comments on this topic.