

***Interactive comment on* “Determination of optimal wind turbine alignment into the wind and detection of alignment changes with SCADA data” by Niko Mittelmeier and Martin Kühn**

Anonymous Referee #1

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Section 2.1, line 21, "In consequence, old turbines in the fleet may often..." -> This sentence could be clarified by stating at the end something like "since the wind direction is derived from the sum of the yaw position and the nacelle measured wind direction."

Section 2.1, another point to developing a good yaw controller is that wind conditions are site specific, and a yaw controller that works well at one place may not be as good at another place. So, some adaptability needs to be included in a yaw controller design. Perhaps this is something to note in this section.

Section 3.3, line 14 "afore mentioned" change to "aforementioned"

Section 4.2, (page 17) line 1, insert a space between "... v₂.Figure 14" so that it is "...

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v_2. Figure 14".

Section 4.4, line 7, "... filtered to be always above 8°." change to "... filtered to be always above 8° C."

Section 4.4, line 23, "A one per cent slope..." change to "A one percent slope..."

Acknowledgements line 10, "...grateful for all colleagues how helped..." change to "...grateful for all colleagues who helped..."

Otherwise, a great paper!

Interactive comment on Wind Energ. Sci. Discuss., <https://doi.org/10.5194/wes-2018-26>, 2018.

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