

Interactive comment on “Offshore wind power intermittency: The effect of connecting production sites along the Norwegian continental shelf” by Ida Marie Solbrekke et al.

Anonymous Referee #2

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The paper "The effect of connecting production sites along the Norwegian continental shelf" by Ida Marie Solbrekke et al. investigates the effect of connecting the hypothetical wind power production from up to five different sites located along the Norwegian coast. The paper clearly shows how the fluctuations and the danger of zero power production events can be decreased substantially. The paper is written very well and the result are an important contribution to research in this field.

Regarding the pairwise correlation of the sites the authors conclude that for distances larger than 800km the correlation stops to decrease. In this case the authors should also include a fit function into fig. 4 which takes this into account. Can the authors give

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a physical explanation for this effect?

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