

Submitted via email.  
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I wish to thank the Wind Energy Text Amendment Working Group for their work on developing guidelines for wind energy regulation on Commercial Wind Energy projects.

In reviewing the Comment Draft of these guidelines I would like to applaud the Lancaster Planning Department/Lancaster County Health Department on their concern for the health and welfare of the citizens they represent. As I understand it they used the latest studies in establishing the noise limit standards, the 37 dBA maximum 10 minute Leq is still high but the 3 dBA maximum 10 minutes Leq above the background level as determined by a pre-construction noise study is reasonable.

Wind Energy developers may find these requirements too stringent but the safety of the citizens of Lancaster County should be paramount and come before commercial profits.

I feel the setback of 1000 foot or three times the height of the wind-turbine is too low and in any situation the setbacks should be applied to property lines rather than exterior walls. Using exterior walls rather than property lines severely limits how property owners can use their ground in the future.

Wind Energy in Nebraska is a forward thinking idea. The goal of a clean and plentiful source of renewable energy is something to strive for. Unfortunately everything has a down side and the down side of Wind Energy is the effects on people living near wind turbines. While we may be fascinated by the majestic beauty of the slowly revolving blades of a sleek modern wind turbine, we must also be aware of the health hazards these turbines create for those living in their shadow. The constant hum of fast moving blades or the infrasound of even slow moving blades can cause sleep disturbances, headaches and concentration problems. Until the time Wind Energy producers can eliminate these hazards or develop the technology to eliminate the problems associated with wind energy production there must be large enough buffer zones around wind turbines to eliminate protect anyone living near wind turbines.

Thank you for your consideration.

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