

From: Joan Strang <[jdstrang76@gmail.com](mailto:jdstrang76@gmail.com)>  
Sent: Monday, August 6, 2018 1:39 PM  
To: Atyeo-Gortmaker, Krista  
Subject: [EXT] Wind turbines

We are residents/landowners in Codington Co. and landowners in Grant Co. We live on the Codington/Grant line. We are not participating landowners in this wind project and would like to be protected from these wind turbines.

In Codington Co. it was proposed and defeated, that the setbacks would be 4 times the height of the turbine. I really feel this would be a setback worth looking at and would like to see a minimum setback of at least 2650 ft from my residence.

We are also requesting a minimum of a 3 mile setback from Crooked Lake(Troy Lake). We have a couple of nesting Eagles and many other birds that live around us and feel that these birds should be protected from the turbines.

We have lived at this residence for most of our lives and love looking at the beautiful landscape and wish that we didn't have to lose all this beauty with wind turbines.

Sincerely,  
David and Joan Strang  
16451 466th Ave  
Strandburg, SD

Sent from my iPad

**From:** Teresa Kaaz <[teresakaaz@yahoo.com](mailto:teresakaaz@yahoo.com)>  
**Sent:** Monday, August 6, 2018 11:56 AM  
**To:** Atyeo-Gortmaker, Krista  
**Cc:** Amber Christenson; Silver Sage  
**Subject:** [EXT] WES meeting 8-13-18 setbacks

Hello Grant County Board Members,

You all have been tasked with the responsibility to protect all Grant county residences from any harm. This is a big task that

I know you do not take lightly. When governing officials take special interest companies, WES, over their own citizens well being that is being negligent of your duties.

Think about the adverse health and safety effects on all grant county citizens, if you as board members do not do your due diligence and outside research on every possible risk of irreversible damage that 500 foot plus high wind turbines will have on Grant County.

Grant county consists of mainly flat land which means every single resident both participating and non participating, rural or municipality will only see transmission lines feeder lines and wind turbines on their otherwise beautiful skyline, in every direction for as long as they decide to stay in Grant county.

I have heard one board member say we do not want to zone them out. First of all who is we. Did he or she ask every resident...Do You Want a 500 foot industrial wind turbine as a framed picture when you open your window shades or step out your front or back door? Do you want 50 dba level at your home every minuite that the wind tower is operational? Do you mind if we are allowing the operator and land owner next to you to trespass on your property with both noise, infra sound, which has been proven to cause adverse health effects, including sleep deprivation, and possible death, No, you have not! ( Shirley Wind Farm Declared Health Hazzard!)

So perhaps you all need to take the time needed to do the complete research and not be pressured for a quick decision pushed on you by First District and WES.

You are opening Grant county up for liability issues for the next 50 years, as more and more suits are being filed against those in power as well as private citizens (participating land owners) in countless nuissance, adverse health effects, liens, property value losses and class action suits.

South Dakota was named one of the top 10 most corrupted governing states in America, don't let Grant be known as a wind follower for tax credit fraud also.

Push the setback from property lines and public roads to a where it will not cause harm to anyone one. Not a single adult or CHILD.

You do not have the information or knowledge at this time to make a decision...SO DONT!!!!

Teresa Kaaz  
15610 459th Ave  
South Shore, SD 57263

**From:** Tim Lindgren <[timlindgren009@yahoo.com](mailto:timlindgren009@yahoo.com)>

**Sent:** Sunday, August 5, 2018 3:05 PM

**To:** Atyeo-Gortmaker, Krista

**Subject:** [EXT] Wind Turbine Setbacks

I feel that the the set back from any home (Participating or Non-Participating) should be 4x the height of the tower (including the blades). And, the setbacks from road right-of ways should be 2x the height of the tower (including the blades). Setbacks from municipalities should be 2 miles instead of 1 mile.

Tim Lindgren  
16050 464th Ave.  
South Shore, SD 57263 881-2398

**From:** [dtjkaaz@sstel.net](mailto:dtjkaaz@sstel.net) <[dtjkaaz@sstel.net](mailto:dtjkaaz@sstel.net)>

**Sent:** Sunday, August 5, 2018 8:39 PM

**To:** Atyeo-Gortmaker, Krista

**Cc:** teresa kaaz

**Subject:** [EXT] Grant county wind turbines

To whom it may concern,

I am writing to ask you SLOW DOWN on this wind turbine plans, and to look after YOUR CITIZENS. Two miles with a waver is the safest way for you to proceed. I removes the county from any liability, and keeps your citizens safe. There are alot of issues YOU need to consider. Here's a few:

The blades- the blades for these monsters are over 200 ft long-EACH. They are made of fiberglass, and are NON-RECYCLEABLE. What does this mean for you? When EXCEL plants the planned 1,000 turbines in your county, eventually the blades will need to be replaced, what is going to happen to the 3,000 blades? Landfills WILL NOT ACCEPT THEM. Are they left to rot over the next 200 years along the fence line? Buried under a landowner's rockpile? I've seen new blades shipped through South Dakota, have you seen any shipped out? I have not. If the landowner OR the county becomes responsible for this it could very easily BANKRUPT YOUR COMMUNITY!

While we are on the subject of blades, when they explode (and they do) they can through debris over 1600 ft. The pieces of the blade can be bigger than a car, all the way down to a splinter like you would get from a piece of wood. If this happens, they have to remove any/all crop from the effected area. What if this happens in our winter months over your prized alfalfa crop? Do you really believe all the impacted debris will be collected? Who pays for your sick/dying livestock the following winter from eating the alfalfa full of fiberglass splinters? Before big wind tells you the pieces wont be that small, call tel-elect in watertown, the fiberglass plant. I was employed there 5 years and have witnessed how small the splinters get.

On Feb. 24, 2018 a semi was damaged in Freeborn County Minnesota from Ice throw. On Jan 24, 2018 A skylight on Mount Wachusett Community College's performing arts center was damaged when ice flew off a wind turbine and showered the building and a parking lot, in Garner Mass. Big wind says this wont happen with the new turbines. Are we to believe that in our neighboring state of Minnesota there was no ice shedding blades? Are we asked to be that naive? Can you fathom the personal injury lawsuit WHEN someone is hurt or dies from this? Have you seen the safety manual for the turbines? There are FACTORY RECOMMENDED SETBACKS, that they do not want to show you. They will claim "privileged information", to skirt this, however anything in such manuals are protected by patents. They just want to place turbines closer to your residents.

In closing, regardless of what Big Wind's yes man Todd tells you, **TWO MILES AND A WAVER** is the safest decision you can make. It keeps your citizens safe, keeps you free from litigation, and still permits turbines in your county, with **ALL LANDOWNERS PERMISSION.**

Thank you for your time, Daniel Kaaz South Shore, SD

**From:** Amber Christenson <[amber@uniformoutlet.net](mailto:amber@uniformoutlet.net)>

**Sent:** Monday, August 6, 2018 10:14 AM

**To:** Atyeo-Gortmaker, Krista

**Subject:** [EXT] Planning and Zoning Public Comment

Dear Board Members, County Commisisoners, and Facilitators,

As you continue setback discussions for Grant County, my hope is that you are doing research between meetings. The more I read, the more I see setbacks need to be well over a mile for health and safety reasons, and a mile on the power point presentation showed that turbines in Grant County just are NOT feasible. Your first meeting, you said you didn't want to zone them out, but you also said you didn't need them to survive. These huge turbines are individual power plants with all of the harm and issues that come with industry. My main concerns are infrasound, water shed and aquifer protection, stray voltage, flicker, noise, viewshed, decommissioning, lawsuits to the county and to the leaseholders.

Once turbines are dug into the ground, the effects will start to accumulate. Sure, they may not affect everyone, but they WILL affect many. The torture of sleep deprivation, flicker and noise is real, infrasound is real, stray voltage is real, the danger of cracking our aquifers and ruining them forever is real. The watershed will change from compaction, cement, access roads, and changes in farming practices. Every one of those items opens the door to lawsuits to the county and to the land owners.

When I watched the discussion, I thought many on the board took the setback issue much too lightly. Enduring the sound of a train 24/7, 365 days a year, is much different than a train passing twice per day. A pulsing pressure and sound that never goes away, that you can never escape unless you flee your property, is not the rumble of passing train.

Standing next to a turbine, or parking next to one (that is MUCH smaller than turbines now being installed), is not the same as living down wind from one and trying to sleep while it sounds like a jet engine all night long. A jet that never takes off, just sits there making noise. It is much different when you are in your home and the noise is reverberating off the walls, than when you are spending a few minutes standing outside, letting the noise go around you. Also, the winter months and any time the air is heavy, the sound is amplified. If you want to know what it is really like, talk to some of the people who have had to sleep in the storage room in their basement, until they couldn't even take that any more and had to leave.

The PUC commissioners brought up the cumulative effect of so many turbines being proposed for this area. They don't live here, but THEY are concerned. You should be very concerned that you could ruin this county forever, just by letting Todd Kays tell you the setbacks are good enough at a few hundred feet. Clark County drove out and tested the noise, flicker, etc, and decided on ¾ of a mile, because they thought the sound was mitigated at that distance. Those were for smaller turbines, like in the Toronto area, not these huge monsters.

Don't let wind developers, who will be gone the day the turbines are completed, trick you into believing it will all be okay. It will not be okay. Learn from the mistakes that have been made elsewhere and increase your setback recommendation. California went to 2 miles for a reason, they just didn't pull that out of their hat. They mitigated the health, safety and nuisance issues by fixing the setbacks.

Just this one thing will protect the county residents and the county.

Amber Christenson    Strandburg, SD

**From:** Allen Robish <[allen.robish@gmail.com](mailto:allen.robish@gmail.com)>  
**Sent:** Monday, August 6, 2018 10:37 AM  
**To:** Atyeo-Gortmaker, Krista  
**Subject:** [EXT] Grant County Planning and Zoning

August 6, 2018

Re: Grant County WES Ordinance

Dear Grant County Planning and Zoning members et al:

I was at the July 10<sup>th</sup> PZ meeting when you discussed setbacks. I saw how Todd Kays showed the slides and told you how you 'didn't want to zone them out'. No, the plan was not to try to zone them out, but looking at the slides, there is not room in Grant County for turbines if you want to protect the health and safety of our county residents. A mile isn't even enough.

I was reading a college course curriculum that gave setback requirements other places. Other places who have history with turbines have increased setbacks: California has 2 mile setbacks. Germany has moved to 1 mile setbacks. France has moved to 1 mile setbacks. Safe setbacks, that is what Grant County needs, and you need to do your research to find what is safe, not what is convenient for the wind company.

If you are going to allow wind turbines, you have to hire the experts to make sure we are all safe from all aspects of turbine harm, including infrasound, audible sound, flicker, damage to our wells and aquifers, among many other things.

Farmers Insurance has a supplement to their property insurance regarding wind turbines on the property. It is twenty-five pages long. This is a big deal!

Respectfully submitted,

Allen Robish

47278 161 St.

Strandburg, SD 57265

**From:** Ruby Holborn <[rubyholborn@gmail.com](mailto:rubyholborn@gmail.com)>

**Sent:** Monday, August 6, 2018 3:52 PM

**To:** Atyeo-Gortmaker, Krista

**Subject:** [EXT] Wind Energy

Please submit my attached speeches to the Grant County Planning & Zoning Board. I had presented the below two speeches before the SD PUC.

**EL18-003 - In the Matter of the Application by Dakota Range I, LLC and Dakota Range II, LLC for a Permit of a Wind Energy Facility in Grant County and Codington County, South Dakota, for the Dakota Range Wind Project**

<https://puc.sd.gov/commission/dockets/electric/2018/EL18-003/holborn.pdf>

**EL18-026 - In the Matter of the Application by Prevailing Wind Park, LLC for a Permit of a Wind Energy Facility in Bon Homme County, Charles Mix County and Hutchinson County, South Dakota, for the Prevailing Wind Park Project**

<https://puc.sd.gov/commission/dockets/electric/2018/el18-026/holborn2.pdf>

Thank You.

Sincerely,

Ruby Holborn

Sioux Falls, SD

**From:** [jnhenslin@itctel.com](mailto:jnhenslin@itctel.com) <[jnhenslin@itctel.com](mailto:jnhenslin@itctel.com)>

**Sent:** Monday, August 6, 2018 4:10 PM

**To:** Atyeo-Gortmaker, Krista

**Subject:** [EXT] Grant County Planning and Zoning

I reviewed the video of the Grant County Planning and Zoning meeting, where turbine setback distances were discussed. I found the county maps showing the amount of area unencumbered in the county based upon setback distance to be very interesting. However, that data should be used very cautiously. Since the county will be choosing to use different setbacks for participants versus non-participants, the amount of unencumbered area is underestimated. I am familiar with the Deuel Harvest Wind project in Deuel County. In Deuel County the non-participating setback distance is 4 times the height of the tower. The developer has had no problem siting turbines within the project area. He has even provided a turbine layout for turbines that are 590 ft tall (2360 ft non-participant setback).

I noticed that you will be discussing lighting at a later meeting. In the presentation it stated: "Some counties recommend aircraft detection lighting but defer to FAA". Note: FAA **does not** recommend lighting systems. However, lighting systems **require FAA approval**. There are Aircraft Detection Lighting Systems (ADLS) that meet FAA approval. Please require that the developer install FAA approved ADLS.

Jon Henslin

Farmland owner in Grant County