

## Susan Burgstrom

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**From:** Isaak L. Simmers  
**Sent:** Thursday, June 30, 2022 10:40 AM  
**To:** Susan Burgstrom  
**Subject:** Please Support Renewable Energy

**From:** Adani Sanchez <[adani.sanchez@gmail.com](mailto:adani.sanchez@gmail.com)>  
**Sent:** Wednesday, June 29, 2022 10:41 PM  
**To:** zoningdept <[zoningdept@co.champaign.il.us](mailto:zoningdept@co.champaign.il.us)>  
**Subject:** Please Support Renewable Energy

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JUN 30 2022

CHAMPAIGN COUNTY PLANNING & ZONING DEPARTMENT

Dear members of the Zoning Board of Appeals,

Even in the nearly 9 years that I have lived in Central Illinois, I have already experienced many unusual climate events like the polar vortex (a true shock to this Texan), and this year extreme heat early on in the summer.

We know that the climate is changing and that fossil fuels are a direct cause. We must reduce our reliance on fossil fuels and expand renewable energy resources before we are no longer able to grow corn in Illinois.

Please be part of this solution by supporting and expanding the wind farm ordinance to allow more development. The proposed amendments are restrictive, based on misinformation, and would effectively ban wind farms from even being built. Wind turbines do not cause any more harm to birds than power lines, they are also not louder than an air conditioner when 100 meters away. Please support renewable energy in Central Illinois!

Sincerely,

Adani Sanchez  
Champaign Resident

## Susan Burgstrom

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**From:** Isaak L. Simmers  
**Sent:** Thursday, June 30, 2022 11:12 AM  
**To:** Susan Burgstrom  
**Subject:** Opposed to zoning limits on wind farms

**From:** Matthew Frank <[matthew.i.frank@gmail.com](mailto:matthew.i.frank@gmail.com)>  
**Sent:** Thursday, June 30, 2022 11:10 AM  
**To:** zoningdept <[zoningdept@co.champaign.il.us](mailto:zoningdept@co.champaign.il.us)>; Eric Thorsland <[ericfor1@yahoo.com](mailto:ericfor1@yahoo.com)>; [ale7496@yahoo.com](mailto:ale7496@yahoo.com); Chris Stohr <[cstohr.ccbd10@gmail.com](mailto:cstohr.ccbd10@gmail.com)>; Jacob Paul <[217jpaul@gmail.com](mailto:217jpaul@gmail.com)>; Mary King <[maryking4countyboard@gmail.com](mailto:maryking4countyboard@gmail.com)>; Kyle Patterson <[kylepatterson@co.champaign.il.us](mailto:kylepatterson@co.champaign.il.us)>; Stephanie Fortado <[fortadoccb@gmail.com](mailto:fortadoccb@gmail.com)>  
**Subject:** Opposed to zoning limits on wind farms

Dear Champaign County Zoning Board of Appeals and Environment and Land Use Committee-

I am opposed to amending the Champaign County Zoning Ordinance to further limit wind farm tower construction. I believe the current Zoning Ordinance and Illinois Pollution Control Board noise limits are already sufficiently tight to protect residents of neighboring class A properties from any negative externalities.

The ZBA seems to be suggesting using the regulatory power of the county to take existing property rights from owners of local land based on the preferences of a small minority of county residents who dislike wind farms. This is what conservatives typically call "massive government overreach."

While I do think the county has an interest in regulating pollution from class C properties impinging on class A properties, I think the county should focus on quantifying and regulating the pollution limits they think are appropriate, rather than imposing set-back and noise limits only on specific technologies or use-cases.

At the top of page 4 the Agenda Packet suggests that current Illinois Pollution Control Board noise regulations are not sufficient because "wind turbines ... did not even exist when the regulations were created," yet IPCB Title 35 Illinois Administrative Code Subtitle H: Part 901 has been revisited and amended in 2004, 2006, 2007, 2015, and 2018.

If you still believe that the nighttime limits on noise pollution in Title 35 Subtitle H, Section 901.102, paragraph b emitted from class C land, and received by class A land are not strict enough, please recognize that those limits are already stricter than a limit of 46 dB(A) across all frequency ranges, and in fact already stricter than 39 dB(A) below 50 Hz and above 2000 Hz. If you were to impose a limit of 39 dB(A) on class C property owners you would be requiring class C properties to be as quiet as class A properties in the 125 Hz - 250 Hz frequency range. If you're not willing to impose that restriction on all class C property uses at night, then you shouldn't impose it on class C properties being used for this specific use. (If you are further curious, I've included a graph below demonstrating the claims in this paragraph)

Thank you,  
-Matt Frank  
2207 O Donnell Dr

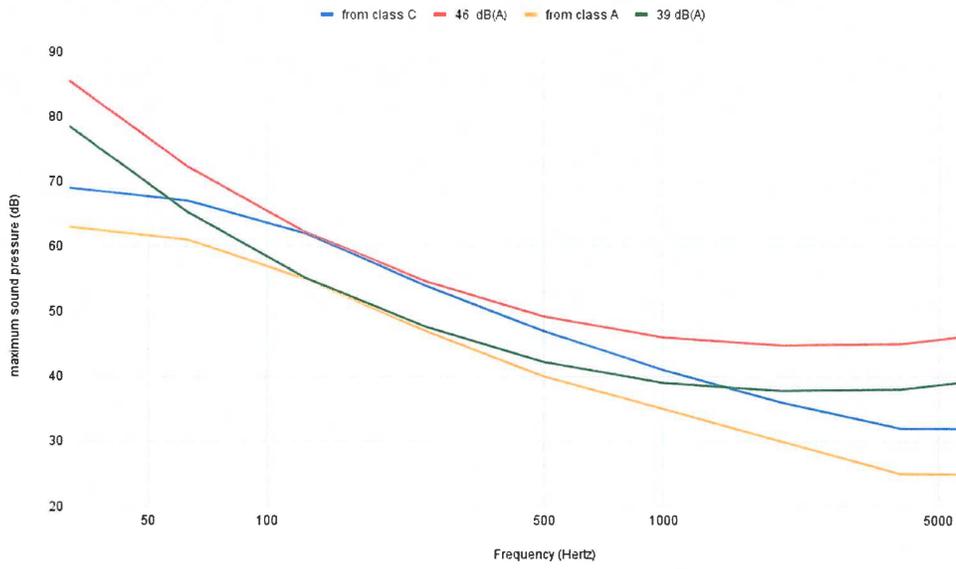
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CHAMPAIGN CO. P & Z DEPARTMENT

# Champaign, IL 61821

Illinois Pollution Control Board limits on nighttime noise pressure received by class A properties



## Susan Burgstrom

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**From:** Isaak L. Simmers  
**Sent:** Thursday, June 30, 2022 1:36 PM  
**To:** Susan Burgstrom  
**Subject:** Proposed Zoning Ordinance Amendments for Wind Farms

**From:** Yousaf Shah <[yousafmshah@gmail.com](mailto:yousafmshah@gmail.com)>  
**Sent:** Thursday, June 30, 2022 1:30 PM  
**To:** Eric Thorsland <[ericforl@yahoo.com](mailto:ericforl@yahoo.com)>; [ale7496@yahoo.com](mailto:ale7496@yahoo.com); Chris Stohr <[cstohr.ccbd10@gmail.com](mailto:cstohr.ccbd10@gmail.com)>; Jacob Paul <[217jpaul@gmail.com](mailto:217jpaul@gmail.com)>; Mary King <[maryking4countyboard@gmail.com](mailto:maryking4countyboard@gmail.com)>; Kyle Patterson <[kylepatterson@co.champaign.il.us](mailto:kylepatterson@co.champaign.il.us)>; Stephanie Fortado <[fortadoccb@gmail.com](mailto:fortadoccb@gmail.com)>; zoningdept <[zoningdept@co.champaign.il.us](mailto:zoningdept@co.champaign.il.us)>  
**Subject:** Proposed Zoning Ordinance Amendments for Wind Farms

To the members of the Environment and Land Use Committee and Zoning Board of Appeals,

As a fairly new resident of Champaign County, I'm heartened to see so much support and emphasis here on the use of renewable energy, of programs and resources available to residents to participate in installing and sourcing non-fossil fuel based energy to power our homes and infrastructure. So much so that I am surprised to see this discussion of limiting the potential for further investment in wind energy in the County. All the more bizarre as, being in the plains, we are uniquely positioned to excel at solar and wind energy generation.

As someone who prefers to make decisions based on research and data, having read the report prepared Hankard Environmental on the current baselines for wind turbine noise generation and how that fits within environmental health parameters, I find justification for the proposed changes weak. Conducting a cursory review of available research, it seems the proposed measures only make sense if any residents are immediately within the vicinity of the turbines (within approximately 300-500 ft).

Considering the 45 dBa baseline recommended by the WHO fits within the parameters of most household appliances (dishwasher, refrigerator, HVAC), it is bizarre to demand a stricter standard as most households are already exposed to higher levels of environmental noise on a day-to-day basis.

I request the Committee and ZBA rely on available research and ensure the residents of the county have access to reliable sources of clean energy now and in the future. Though I sympathize with residents who may find the noise a nuisance, there are mitigation measures available to them that they can implement in their own homes. Perhaps that should be more the topic of discussion; how to address the needs of the specific residents immediately impacted, at their own properties, rather than limiting the potential of the entire County to access clean energy.

Thank you,

Yousaf Shah

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