

From: [Puco ContactOPSB](#)
To: [Puco Docketing](#)
Subject: Public Comment for Case number: 19-0778-GE-BRO
Date: Tuesday, June 25, 2019 9:42:12 AM
Attachments: [Van Wert Ohio Wind Turbine Blade Failure August 2018.png](#)

Ohio Power Siting Board

If the Seneca Wind Project goes through as proposed my family and I will have nine industrial wind turbines (IWT) within a 1 mile radius of our home, 15 IWT's within 1.5 miles, and 27 within 2 miles. When you potentially allow this many IWT's to be crammed this close to peoples homes and families it is **CRITICAL** that you ensure that these companies be required to report any and all incidents to the Board (OPSB). With documented incidents of blade fragments being thrown 1800 ft it would seem common sense that this is an issue of **PUBLIC SAFETY**. We the people have the rights to be protected while on our property and it is your job to ensure this with these IWT projects.

It only makes sense to officially chart these issues to ensure **PUBLIC SAFETY**. Also with capturing this data you will be able to use it analytically to determine other things with regards to the safe and equitable siting of IWT's. Knowing things like:

- How often does an issue occur
- How many blade incidents are there
- How far was the furthers blade shard thrown
- Was anyone hurt
- Was any property damaged
- How quickly was IWT staff on scene
- How long before IWT's were shutdown

In talking with a local building expert they were astonished that these IWT developers did not have to follow some of the very stringent local building codes that all other contractors had to in our area. It doesn't make any sense that someone constructing homes and buildings has to follow these codes and these IWT developers who are building 450 ft-655 ft tall IWT's do not have to. This is why I urge you to require these developers to follow local/state building code in addition to your standards.

Thank You

Chris Aichholz

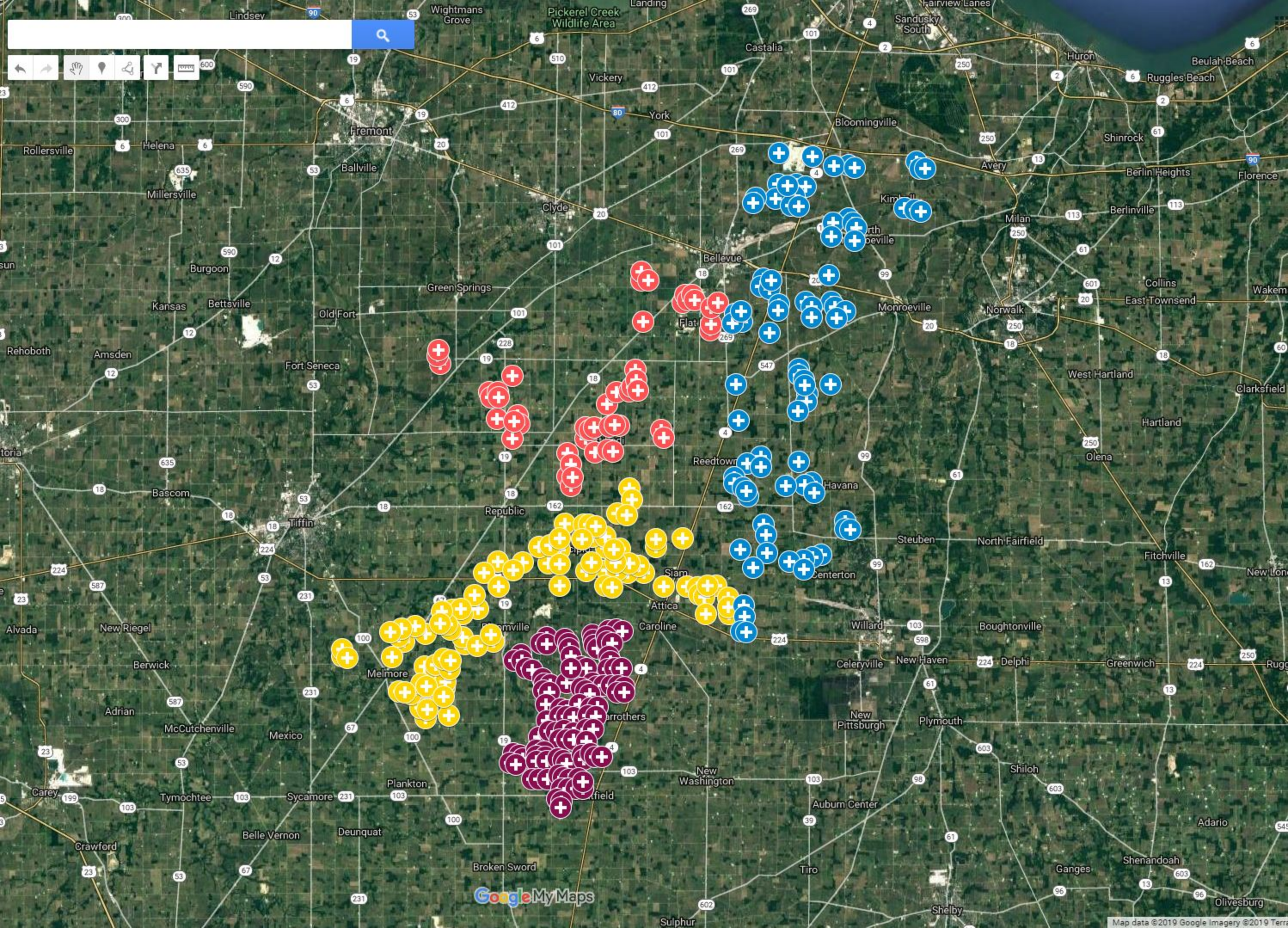
Please include my attachments as well

Attachment #1 - projects being proposed in our area

Attachment #2 - Van Wert Blade Failure from Aug 2018

Attachment #3 - Van Wert Blade Failure from Aug 2018 (2)

Attachment #4 - Documented Blade Shear incident - 1800 ft shard throw







Huron Wind Vestas V80 Wind Turbine Blade Failure May 4, 2018

Estimated environmental conditions at time of failure - from Environment Canada
Wiarton Airport Monitoring Site

Wind speed at 10m above ground 14 to 15 m/s, gusting to 17 to 24 m/s



Debris at 560m from tower - 1 m x 0.15m



Debris photography and placement on Google Map of site by William Palmer, P. Eng.

Note - debris positioning as accurate as possible, but size is not to scale due to limitations of graphics program - refer to photographs for actual debris dimensions.



Debris at 150m from tower - 1.2m x 3.6m
- Note Binoculars placed on debris for Scale



Debris at 170m from tower - 1m x 3.6m



Debris at 210m from tower - 1.2m x 3.0m



Debris at 280m from tower - 1.2m x 3.0 m
- Note Boot at bottom left corner for Scale



Emergency road closure Conc 4 due to hazard
May 4, 2018 - ongoing - looking westerly

From: [Ohio Power Siting Board](#)
To: [PucO Docketing](#)
Subject: public comment 19-0778 [ref:_00Dt0GzXt._500t0KDnSr:ref]
Date: Tuesday, June 25, 2019 1:27:25 PM

Subject: Wind turbine blade failure reporting

The information at the link below is from a wind industry related website and addresses wind turbine blade failure incidents, causes, and numbers. It would appear to make the case that wind turbine blade failures are an issue that should be monitored and studied carefully.

https://www.windpowerengineering.com/mechanical/blades/what-researchers-have-learned-from-fractured-wind-turbine-blades/?fbclid=IwAR2_tNXQkyRMXzChCztambYokC2zmpaR0rNWKxmcuuj_0m9AngbG_9fz4KA

Jim Feasel 

ref:_00Dt0GzXt._500t0KDnSr:ref

From: [Ohio Power Siting Board](#)
To: [PucO Docketing](#)
Subject: public comment 19-0778 [ref:_00Dt0GzXt._500t0KDeF1:ref]
Date: Tuesday, June 25, 2019 1:40:26 PM

The OPSB. should enact rules that require industrial wind turbine operators to report incidents to the OPSB and they should also adhere to local building codes. many cases are coming to light where turbine blades are fracturing and slinging pieces farther than the set backs. this comes at a time where the wind companies are trying to reduce setback distances to what they were when the turbines were only 300 ft. tall.

Bernard Good

Monroeville, Ohio 

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Case No(s). 19-0778-GE-BRO

Summary: Public Comment (3) received via website electronically filed by Docketing Staff on behalf of Docketing.