

March 01, 2019

PLEASE DENY the
Certificate of Public Convenience and Necessity for the Ball Hill Wind Project.

Can it be proven, beyond any shadow of doubt, that 600 foot industrial wind turbines as close as the approved 1000 feet from a home, will not deliver catastrophic negative health impacts to us?
Can it be proven that the noise, vibration, pressure, shadow flicker, and vertigo will not drive us from our homes?

Of course not. Arkwright is the proof. The noise is mind blowing,
and the silent infrasound is affecting so many, including the most fragile; the children.

The CPCN is all up to your own personal interpretation.
The government will read it one way,
the developers/RES, will promote it their way,
and we the public will read it our way, for the protection of our health.
Question is, who is deemed most important. Will the DPS listen to the public?
We are the public who are being forced to be in the midst of this project.

We have not had fair local representation by the Town of Villenova.
Our lives have been discounted by big wind ethics, and the violation of ethics from the latest Villenova Town Board.
A unethical, and conflicted pact of **4** to force this project through by any means,
is strikingly obvious.
Also include the insufficient Villenova Planning Board of **ONLY 2** members.
(members: Crowell-works for a contractor hired by RES to construct Arkwright Summit wind facility and has a turbine contract in Arkwright, and a nephew & brother in Villenova with a wind contract. Resigned member is Jerry Park-husband to former supervisor/now latest board member, Yvonne Park.)

We are the public who have done our research.
We are the large number, and growing public, who are opposed to this project!

There is nothing about this project that can be considered a public convenience or necessity.
It is not needed here, or wanted here. This project of massive sized turbines will desecrate an area far outside of the local township boundary lines, and far surpass county lines.
This is a cumulative impact to our home area that will never be undone.

RES must be made to follow the World Health Organization's most recent sound guideline.
[2018 World Health Organization guidelines declare wind turbine noise a human health hazard](#)

This is for our health and safety, for right now and for the generations to come.

We are the priority, as we have made our homes here first.

We are here, our families are here, we have invested our lives here, well before this town board deemed our homes as an industrial zone.

I do not believe that RES is a company that belongs in Villenova and Hanover.

RES representative Lyons, has touted from the beginning that “we are only the developers, and when we finish construction, we will sell it and leave.”

Why the change now? Is it because they cannot sell the project & cannot find a purchaser for the electric?

Are we the experiment? 600 foot turbines next to humans, without any regards to our health and safety? RES will leave and live their lives free of industrial wind turbines as close as 1000 feet from THEIR homes.

Throw this project up and see if it sells, or if RES can manage it? Our lives are here.

Remember this has been constantly told to us:

“We are developers, we are not owners of the project.”

Where is the proof of their long-term financial viability and proof of manageability for long-term maintenance on a turbine facility?

RES put in for a wind ordinance change in June of 2018

They requested to go 599 feet because as a line from representative Mark Lyons at the public meeting, “if we go to 599 feet and get approved for it, between now and when we start construction/tree clearing, we may find a buyer that will prefer 599.”

What has changed? Nothing. They want to hurry this through to get the subsidy money.

They want to negatively impact our lives ASAP, knowing this project is not compliant with health recommendations.

RES cannot prove living at the Villenova approved setback of 1000 feet from the corner of a home, to a 600 foot turbine is safe. It is not. Arkwright is the proof. The noise is mind blowing, And the infrasound is affecting many, including the most fragile; the children.

NEW!

HEALTH IMPACTS

Recently, a working group specializing in cardiac, thoracic and vascular surgery of the Mainz-based University Medical Center provided for a surprise with their research results from studies looking at the infrasound impact on heart muscle.

Infrasound has a frequency under 20 Hz and thus is not audible to the human ear.

However the low frequency sound is physically perceptible at high sound pressure and lead to health consequences, a German medical researcher said.

Wind turbines convert 40 percent of the wind's energy into power and 60 percent into infrasound, thus making them a real potential threat to human health.

The problem with wind turbines is that the infrasound exposure is long-term and can travel great distances.

<http://notrickszone.com/2018/10/24/heart-jamming-wind-turbines-new-medical-research-confirm-s-infrasound-negatively-impacts-heart-health/>

The neighboring township of Arkwright, with the imposed Arkwright Summit Wind Facility, are having monumental health complaints. The turbines started turning the first week of September 2018! Constructed by RES.

Infrasound caused by Industrial Wind Turbines

Important 28-minute documentary by the science programme "planet e." of the second German television ZDF – November 4, 2018 <https://youtu.be/ywWNx3OJyuo>

Links to Twenty-One Peer Reviewed Articles about Health, Noise, and Industrial Wind Turbines <https://stopthesethings.com/2014/12/17/21-peer-reviewed-articles-on-the-adverse-health-effects-of-wind-turbine-noise/>

Massive tree clearing planned.

<https://www.fs.fed.us/blogs/power-one-tree-%E2%80%93-very-air-we-breathe>

The list below proves that RES has a bad reputation with the public and should not do business in our area.

RES Americas has pulled the plug on a 600 MW wind farm in Indiana, citing "interconnection issues."

The wind project became a center of controversy in Cass and Miami counties. Setbacks have been a contentious issue for wind power for decades.

<https://www.utilitydive.com/news/res-americas-cancels-600-mw-wind-project-in-indiana/532771/>

RES:

Renewable Energy Systems (RES) Noise in England, Will Not Share Data with Citizens

<https://www.wind-watch.org/news/2008/04/22/fresh-legal-appeal-launched-against-den-brook-wind-farm/>

RES are using Vestas, with 1000ft setbacks for the Ball Hill Wind Project.

1,640 foot unsafe zone - Vestas and Nordex manual pages

[Vestas and Nordex Safety Manuals presented in Falmouth, Mass. Court Case](#)

WILL RES FIX THE WELL ISSUES?

[Residents in Chatham-Kent, Ontario say wells ruined by wind turbine construction, vibration from operation](#)

[University of Windsor to Investigate Water Well Issues Near Wind Turbines](#)

Contractors involved:

RES Canada was awarded the balance of plant contract.

RES was the developer for the neighboring

Arkwright project. They have used massive amounts of concrete poured into the ground for turbine bases.

They were taking well water samples pre and post to check for mercury.

We all rely on our pristine wells, as do the cities below us rely on the aquifer from here.

Native limestone, the basic raw material of concrete making, contains varying levels of mercury.

<https://www.treehugger.com/corporate-responsibility/new-mercury-limits-put-cement-industry-between-concrete-a-hard-place.html>

Information about RES-built projects in other communities:

RES/Talbot Wind Farm

<https://ontario-wind-resistance.org/2011/04/05/chatham-kent-taking-a-stand-on-stray-voltage/>

Residents of the counties opposed the project for the effect it would have on their property even if they were not hosting a wind turbine.

<https://www.utilitydive.com/news/res-americas-cancels-600-mw-wind-project-in-indiana/532771/>

[Union workers upset RES hires out-of-state workers](#)

[More info on RES hiring out-of-state workers](#)

[More info on RES/Union](#)

[RES built Kent 1 and Kent 2 - well problems](#)

[Chatham-Kent's Water Wells First](#)

[Complaints about RES-built Minnesota Project](#)

[Weather Radar Interference with RES-built Butler Ridge Wind Farm in Wisconsin](#)

[Wisconsin Dodge County Butler Ridge Shadow Flicker](#)

[Video of what RES's Butler Ridge project looks like - 1,000 foot setbacks with much smaller turbines than what we are getting.](#)

[Residents sue and win against wind farm noise - landmark case in Minnesota and RES among other companies are challenging the ruling.](#)

[Minnesota couple's complaints about RES substation and wind turbines placed too close to their home.](#)

L'Anse, Michigan against RES

<https://www.wind-watch.org/news/2018/10/24/opponents-start-petition-against-wind-farm-zoning/>

RES couldn't pay attention to permit expirations. Permit DENIED.

http://www.newsbug.info/rensselaer_republican/news/local/board-of-zoning-appeals-orders-that-renewable-energy-sources-tower/article_946035ef-9e6f-5506-9586-de1b4b523fe5.html?fbclid=IwAR35IzLemfYSrRVd-YxsKp926VT1a0d75jG2xufop51Oo4k46kJZ7kT0jCA

Please deny this certificate.

The financial viability of RES is not known to us. Referring to the links provided, it appears RES had enough problems on their hands to fix, and should NOT take on this project.

This entire project has been secretive to the local public, a recent vote, 8/2018 to overturn the **Chautauqua County Planning Board's "No" vote** for the increased height, was overruled by the 4 conflicted Villenova board members.

The partner township of Hanover voted **unanimously NO**, against this height request.

These other boards have seen and heard the requests from the citizens to protect our homes.

Model Code of Ethics for Local Governments.

https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.osc.state.ny.us/localgov/pubs/codeofethics.pdf&ved=2ahUKEwiznoqTiNngAhWq6IMKHY_NDDcQFjABegQIAhAB&usg=AOvVaw2B8IIVtipy8WLk4d93pdL7

We are fighting for the God given, fundamental absolute right, to remain safe and healthy in our homes.

Please deny this certificate, on the grounds of the new WHO health recommendation, the lack of a new environmental study, and proof of keeping our health and safety in our homes and on our properties, proof that we will not be negatively impacted by 600 foot turbines, and proof of the lack of fair and unconflicted representation from this Villenova voting board of 4. Money cannot buy our health and safety.

Can it be proven, beyond any shadow of doubt, that 600 foot industrial wind turbines as close as the approved 1000 feet from a home, will not deliver catastrophic negative health impacts to us?

"And justice for all,"

Respectfully,

Tina Graziano

Villenova resident