



6122 South Park Avenue  
Hamburg, New York 14075  
716.648.4145  
www.HamburgIDA.com

**Hamburg Industrial Development Agency  
Public Hearing – Eric Wind, LLC  
Board of Directors Meeting  
November 26, 2019  
Court Room - Blasdell Village Hall**

**Present**

Andy Palmer  
Tom Moses  
Robert Reynolds  
Bob Hutchison  
Cam Hall  
Norma Russert-Kelly  
Jeff Brylski

**Excused**

Wence Valentin  
Davis Podkulski

**Guests**

Jennifer Strong, Neill & Strong  
Mary Doran, Hamburg Development Companies  
Francesca Bond, Hamburg Sun  
Kevin McAuliffe, Barclay Damon - Erie Wind  
Ben Wolcott, TerraForm Power – Erie Wind  
Ivan Zajicek, Barclay Damon- Erie Wind  
Paul Michalec, Chairman Town of Evans Conservation  
Advisory Committee and Climate Smart Task Force

**Executive Director**

Sean Doyle

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- **Move** to open the Public Hearing at 7:31am, Executive Director, Doyle.

**Moved:** Tom Moses

**Seconded:** Cam Hall

**Ayes:** Palmer, Moses, Hutchison, Rusert-Kelly, Brylski, Hall, Reynolds

**Nays:** none

**Carried**

**Director Doyle read the following Public Hearing Notice:**

*Erie Wind, LLC - Request for Agency assistance for in the form of a lease in an amount not to exceed \$8,600,000. The assistance contemplated by the Agency will include real property tax abatement in accordance with existing Agency Uniform Tax Exemption Policy and Guidelines, as amended. Buffalo Crushed Stone, Inc. and Tecumsh Redevelopment, Inc. (the "Lessee") and Erie Wind, LLC (the "Sublessee") (collectively the "Applicants") request assistance in connection with the Leasing by the Sub lessee of an approximately 7.47 acre parcel of land and improvements located at 0 Lakeshore Road in the Village of Blasdell, the retrofit of existing turbines by the Sub lessee, as agent for the Agency, of 4 wind turbines required in connection therewith by the Sublessee, as agent for the Agency, all for a electric generation and distribution facility for lease to the Agency and subsequent sublease to the Lessee for sub-sublease to the Sublessee (the "Project"). The Project will allow the Sub lessee to continue its operations in New York State. The Project will be subleased to the Lessee for sub-sublease to the Sublessee which will be the sole occupant of the Project.*

-Doyle turned the floor over to Kevin McAuliffe. He presented a poster to the Board. The poster was a drawing to scale of the difference in blade size new blades vs old blades.

-Director Doyle received 6 emails in support of the project which he read to the Board of Directors, (Bill Nowak, Karen Alongi, Richard Steinberg, Janet Lenicheck, Charlie Bowman and Sara Schultz emails are attached at the end of the minutes). All were in favor of the project.

The total project benefit is estimated at \$1,979,060.00

Bob Reynolds inquired about possible expansion in the future. Kevin McAuliffe responded there is no available land to expand upon because of its proximity to residences. They are repairing what is there. There are no plans to expand into Lake Erie.

Paul Michalec, Chairman of the Town of Evans Conservation Advisory Committee and Climate Smart Task Force spoke. He is opposed to putting the windmills in Lake Erie. He is not opposed to this project, his concern is the how it effects the birds and bats. The new blades are supposed to be more accommodating to birds and bats, as they do not run at lower wind speeds. He is looking for information that backs up this theory. Is there a study on the number of bird strikes? Where is this found? How can he request a copy? Director Doyle explained as a board we review and approve the financial aspect of the project. The ECIDA should have on their website the Environmental Impact Report. Bob Reynolds also suggested he contact the Town of Hamburg's Conservation Board.

Director Doyle thanked Michalec for coming and his concerns. He asked 3 times for additional comments, none were given.

**-Motion** to close the Public Hearing at 7:53am.

**Moved:** Andy Palmer                      **Seconded:** Norma Rusert-Kelly  
**Ayes:** Palmer, Moses, Hutchison, Rusert-Kelly, Brylski, Hall, Reynolds  
**Nays:** none  
*Carried*

**-Motion** to open the meeting at 7:52am Director Doyle.

**Moved:** Andy Palmer                      **Seconded:** Norma Rusert-Kelly  
**Ayes:** Palmer, Moses, Hutchison, Rusert-Kelly, Brylski, Hall, Reynolds  
**Nays:** none  
*Carried*

**- Roll Call**

**-Motion** to approve the September Board meeting minutes with the amendment as follows: Change Jeff Brylski to present as he was in attendance and move Bob Reynolds to absent/excused.

**Moved:** Jeff Brylski                      **Seconded:** Cam Hall  
**Ayes:** Palmer, Moses, Hutchison, Rusert-Kelly, Brylski, Hall, Reynolds  
**Nays:** none  
*Carried*

-Bob Reynolds gave a brief update on the financials. In the month of October agency fees are close to \$20,000 and a net income of just over \$7,000 was reported.



**-Motion** to approve the September and October 2019 Treasurer's Reports  
**Moved:** Andy Palmer                    **Seconded:** Bob Hutchinson  
**Ayes:** Palmer, Moses, Hutchison, Rusert-Kelly, Brylski, Hall, Reynolds  
**Nays:** none  
*Carried*

**Executive Director Update:**

-We have received the new checks and all accounts have been switched to Bank on Buffalo. Will formally close out Evans checking account once all pending transactions have been completed (January).  
-2020 Budget Draft is complete  
-Met with the CEO of Eagle Hawk. Eagle Hawk is a start up in Hamburg using drones to examine commercial roofs.  
-Met with Concept Development Resource Group, they deal with the commercial side of real estate transactions and site selection. They use analytic data to make decisions specifically a radius of an area. This puts Hamburg at a disadvantage because it is bordered by Lake Erie.  
-Director Doyle and Tom Moses met with John Gilmour the new Erie County Legislator elected November 5, 2019.  
-Attended NYS Assembly meeting on trade policies.  
-Director Doyle and Bob Reynolds attended a Public Hearing on Economic Development in Buffalo yesterday. Director Doyle spoke at the meeting specifically about the benefits the HIDA has brought to Hamburg. A copy of Doyle's testimony is attached to the minutes.  
-Looking ahead December's meeting is on the 3<sup>rd</sup> Tuesday in December due to the Christmas Holiday.  
-Update HDC Loan fund – the HDC was reimbursed monies on a defaulted loan because a judgement was placed by on the property in default by the HDC.

**-Motion** to appoint Bob Hutchinson as Vice Chair of the Town of Hamburg Industrial Development Agency. The seat was vacant with the departure of Janet Plarr from the Board and Andy Palmer, former Vice Chair, moving to Chairman of the Board.

**Moved:** Andy Palmer                    **Seconded:** Norma Rusert-Kelly  
**Ayes:** Palmer, Moses, Hutchison, Rusert-Kelly, Brylski, Hall, Reynolds  
**Nays:** none  
*Carried*

**-Motion** to approve the Investment Policy Update – removal of Banks from policy that are no longer in existence.

**Moved:** Norma Rusert-Kelly    **Seconded:** Andy Palmer  
**Ayes:** Palmer, Moses, Hutchison, Rusert-Kelly, Brylski, Hall, Reynolds  
**Nays:** none  
*Carried*

Treasurer, Bob Reynolds, went over the proposed 2020 budget with the Board of Directors. A few notable changes in the budget from 2019:

- Increase in funding for Intern, several projects in the works (Incubator) funding available if needed.
- Sponsorships increase, added Invest Buffalo
- Added Training for Executive Director – CECD Certification
- Website Marketing Budget decreased – completed website update and marketing video in 2019

**-Motion** to approve the 2020 HIDA Budget

**Moved:** Andy Palmer                      **Seconded:** Norma Rusert-Kelly

**Ayes:** Palmer, Moses, Hutchison, Rusert-Kelly, Brylski, Hall, Reynolds

**Nays:** none

*Carried*

**- Motion** granting the SEP payments to Sean Doyle and Mary Doran as presented in attached memo, to be included in the December 27, 2019 payroll.

**Moved:** Cam Hall                      **Seconded:** Bob Reynolds

**Ayes:** Palmer, Moses, Hutchison, Rusert-Kelly, Brylski, Hall, Reynolds

**Nays:** none

*Carried*

-Discussion took place regarding 2020 board meetings. Should they alternate between morning and evening so it is easier for board members and community members to attend? If so, where should the evening meetings be held? Can the new location accommodate the video recording of the meetings which is being mandated in 2020? Director Doyle will look into some possibilities and get back to the board in December.

-Chair, Andy Palmer, brought up the results of a survey given out to community members in Hamburg. It was evident in the survey community members do not want to see new buildings going up with the amount of vacancies in the Town/Village. We as a board need to keep that in mind as we move forward. Our strategic planning should concentrate on developing spaces that already exist.

-Attorney, Jennifer Strong, gave an update on two upcoming closings. Jameson Roofing closing today and The Oaks at South Park closing Thursday/Friday via mail in Rochester.

-The Resolution on Erie Wind will be presented and voted on at the December 17, 2019 Board meeting.

**-Motion** to adjourn:

**Moved:** Andy Palmer                      **Seconded:** Norma Rusert-Kelly

**Ayes:** Palmer, Moses, Hutchison, Rusert-Kelly, Brylski, Hall, Reynolds

**Nays:** none

*Carried*

Sincerely,



Sean Doyle, Executive Director

**Public Hearing** - Economic Development programs that leverage State funds to foster viable long-term business development and economic growth.

**Public Statement:**

I am Sean Doyle, Executive Director, of the Hamburg Development Companies which consists of three separate agencies: Hamburg Industrial Development Agency, Hamburg New York Land Development Fund and the Hamburg Development Corporation

Our company vision is to foster opportunity for people to create meaningful lives for themselves. The Hamburg Development Companies have supported the Town of Hamburg and its 60,000 residents by having the benefit of “in house” commercial real estate planning and economic development expertise for local planning and development.

As Executive Director, our agencies participate in the creation of Comprehensive plans for the Town and Villages. We support and help in the strategic planning for area schools and Hilbert College. The development agency is part of a founding team to develop a “new business” incubator center in the Town of Hamburg. As Executive Director, on behalf of our Board of Directors, I serve as an advisor to Town departments on matters of development. Our agency strongly partners with existing businesses, as well as seeking out new business development and give new business owners and investors’ the confidence to explore and develop in the Hamburg market.

Through the State of New York’s investment in the PILOT Program, the Town of Hamburg is able to have all these benefits with no additional taxpayer cost. Through the Board and Staff of the Hamburg IDA we are able to utilize these State and local incentives in a manner where we seek to achieve our vision.

Our objective is to foster opportunity for people to create meaningful lives for themselves.

This means the value of an **ACITVE**, local industrial development agency cannot be understated. The benefit these agencies offer to the Town’s tax base is real. The responsible application of the benefit you offer is most often the centerpiece of a development incentive packages such as:

- catalyzing the re-development of that long abandoned building
- helping an investor to understand the care and partnership that a municipality has with their development
- creating good jobs for your children and mine.
- Researching the development
- Holding public hearings on the proposed PILOT

In 2019 alone, the agency’s commitment to this program has netted over \$1.7 million dollars in new PILOT tax revenue to the jurisdictions in Hamburg. In addition to long term job growth and increasing the town and county tax base into the future.



In two recent projects alone, Buffalo Computer Graphics and K-Technologies, the PILOT incentives created close to 70 jobs are now created paying salaries and benefits well over minimum wages, the starting employee benefit and wage over \$41,000 to start.

Again , our vision is to foster opportunity for people to create meaningful lives for themselves.

Our economic development challenges are rapidly changing. The top economic development officials here today recognize the new drivers of economic activity we are constantly in pursuit of the best employment opportunities for our community. In the book, **The New Geography of Jobs**, the author talks about Three Americas:

1. innovative and well educated cities
2. dying manufacturing hubs
3. and cities that go either way.

It is our agencies opinion that much of State of New York lies in that third category.

Today, our agency works collaboratively to leverage shared resources to maximize our construction and manufacturing base. Our agency brings the expertise in good sound development while adding focus on innovative companies to increase our financial position in the Country.

The agency's volunteer Board of Directors that comprises Village representative, School board representatives and town representatives that include labor leaders and active citizens serve the Hamburg IDA as a fiduciary for the taxing jurisdictions we serve. As an authority for State sales tax our Board fully engages our local Assembly and Senate members to help them fully understand the result of these statutory investments in these job providers.

Our vision is to foster opportunity for people to create meaningful lives for themselves.

In order to meet the above objective, our Board and Executive Director strongly believe that local control and local voice allows the Town of Hamburg to manage and plan for development in a fashion that is in tune with our Town's vision. Thank you for your time and interest in continuing the economic prosperity of our great State. On behalf of our companies, I respectfully request that we work together with local and State of New York Representatives to cultivate and refine incentive programs and processes as any effective enterprise would. Engage these organizations. Effective agencies are focus based and knowledgeable. We understand the needs of our employers and our community. Please engage us and our businesses to understand effective and ineffective policy. When you are in lockstep with your Board and Community the opportunity for success is so much greater. It is so very important for economic development in our Town that all parties work together to leverage the wonderful resources that contribute to our industrial and commercial jobs as well as our citizen's financial lifestyles and tax base.

Thank you – Sean Doyle

## Mary Doran

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**From:** Sean Doyle <[sdoyle@townofhamburgny.com](mailto:sdoyle@townofhamburgny.com)>  
**Sent:** Wednesday, November 27, 2019 8:34 AM  
**To:** Mary Doran  
**Subject:** FW: "Steal" Winds

Can you please forward to the Board? Another comment on the Erie Wind, LLC project. You can also add to the other messages.

Thanks,

Sean

**From:** John Joyce [<mailto:john.joyce127@gmail.com>]  
**Sent:** Tuesday, November 26, 2019 4:01 PM  
**To:** [sdoyle@townofhamburgny.com](mailto:sdoyle@townofhamburgny.com)  
**Subject:** "Steal" Winds

Sean,

The contribution of wind turbines and solar panels to the global energy supply is negligible. The contribution of fossil fuels is enormous as is that of nuclear fission. Climate change is a truism and its variability normal. The atmospheric increase of CO2 generated by human activity is not dangerous but rather a benefit to vegetative growth around the globe.

Site remediation, if wind farms and solar grids are immediately discontinued, will be a formidable challenge and an exponentially worse problem if the recognition of their futility is long delayed.

Solar and Wind energy development is not a free market phenomenon but rather the product of a misreading of the environment and a confusion between air pollution and atmospheric gases on the part of experts. The experts are energized by an ideology of contempt for mankind in general which they believe must be governed by their betters in a kind of Tyranny-Lite.

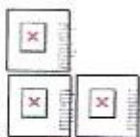
These assertions are backed up by two important books:

1. Merchants of Despair, Radical Environmentalists, Criminal Pseudo-Scientists, and the Fatal Cult of Anti-Humanism, Robert Zubrin, Encounter Books 2012, ISBN 9781594034763
2. Inconvenient Facts, The Science that Al Gore doesn't want you to know, Gregory Wrightstone, 2017, Silver Crown Productions, LLC, ISBN 9781545614105

The "Inconvenient" app is based on the Wrightstone book.

-- I would welcome the opportunity to address the board.

Jack Joyce  
169 Mariner St. A4  
Buffalo, NY 14201  
716 560 4192



## Sean Doyle

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**From:** Bill Nowak <billnowa@gmail.com>  
**Sent:** Friday, November 22, 2019 5:37 PM  
**To:** Sean Doyle  
**Subject:** Re: Yes to Hamburg wind project  
**Attachments:** image001.jpg

Thank you Mr. Doyle,

I live at 50 Inwood Place in Buffalo

Bill Nowak  
Executive Director  
NY-GEO (Geothermal Energy Organization)  
716-316-7674 (pls leave a quick msg if I don't pick up)

*Human induced climate change supercharges storms just like a gasoline can (or several of them) stored in a hallway, would supercharge a house fire.*

Adapted from a message by Allison Fisher of Public Citizen's Climate and Energy Program

On Fri, Nov 22, 2019 at 4:13 PM Sean Doyle <[sdoyle@townofhamburgny.com](mailto:sdoyle@townofhamburgny.com)> wrote:

Mr. Nowak,

Thank you for your comments. I will be sure to read your message at our public hearing on Tuesday as we review this project.

Are you a resident of the Town of Hamburg?

Regards,





Sean Doyle, Executive Director

Hamburg Development Companies

6122 South Park Avenue

Hamburg, New York 14075

Office: (716) 648-4145 Cell: (716) 308-2320

[www.HamburgIDA.com](http://www.HamburgIDA.com)

**From:** Bill Nowak [mailto:[billnowa@gmail.com](mailto:billnowa@gmail.com)]

**Sent:** Friday, November 22, 2019 11:46 AM

**To:** [sdoyle@townofhamburgny.com](mailto:sdoyle@townofhamburgny.com)

**Subject:** Yes to Hamburg wind project

Dear Hamburg IDA

I urge you to approve the repowering of the wind turbines in Hamburg north of Woodlawn Beach.

I am well aware of and frightened by the climate emergency we all face and know it is crucial that we transition at full speed to renewable energy to avoid the worst impacts of global warming.

New York faces an uphill climb to reach its goals for carbon free electricity generation under the Climate Leadership and Community Protection Act.

It is crucial that we build on the renewable resources already in place in addition to rapidly increasing renewable resources.

I am encouraged by the positive aspects of the proposed repowering, including increased production from the new turbines, improved bat and bird protection, a \$21 million investment and the increased revenues the turbines will provide for Eric County, Lackawanna, Hamburg and the Frontier Central and Lackawanna City school districts

Please approve this proposal.

Thank you.



Bill Nowak

716-316-7674 (pls leave a quick msg if I don't pick up)

*Human induced climate change supercharges storms just like a gasoline can (or several of them) stored in a hallway, would supercharge a house fire.*

Adapted from a message by Allison Fisher of Public Citizen's Climate and Energy Program

## Sean Doyle

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**From:** Karen Alongi <kalongi1@verizon.net>  
**Sent:** Saturday, November 23, 2019 2:05 PM  
**To:** sdoyle@townofhamburgny.com  
**Subject:** Full support for Hamburg WIND project

Dear Hamburg IDA

Please support the project to repower the wind turbines in Hamburg.

Renewable energy projects help NYS reduce green house gases that are so destructive to the earth. Say yes to clean water, air and soil in NYS.

The Great Lakes has been experiencing extreme changes in water levels from high to low over the past decade. These changes which have been intensified due to climate change are threatening many communities like Hamburg. It makes sense that all communities work to reduce CO2 emissions to protect people, property, wildlife on land and in the lakes.

Please approve the proposal for the a \$21 million investment and the increased revenues the turbines will provide for Erie County, Lackawanna, Hamburg and the Frontier Central and Lackawanna City school districts

Thank you.

Karen Alongi  
716-548-4637



## Sean Doyle

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**From:** Richard Steinberg <steinberg718@gmail.com>  
**Sent:** Sunday, November 24, 2019 10:18 AM  
**To:** sdoyle@townofhamburgny.com  
**Subject:** Wind turbines

Thank you for considering going forward with repairs on the wind turbines.  
Renewable energy is important in any towns energy portfolio.  
It is just good business sense.  
Richard Steinberg  
263 Norwood Ave.  
Buffalo NY 14223.

Sent from my iPhone

## Sean Doyle

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**From:** Janet Lenichek <janetlenichek@yahoo.com>  
**Sent:** Sunday, November 24, 2019 10:36 AM  
**To:** sdoyle@townofhamburgny.com  
**Subject:** Steel Winds Turbines

Dear Mr. Doyle:

NY State passed into law the the Climate Leadership and Community Protection Act this past June. This commits NY state to obtaining 70% of its electricity from renewable sources. Steel Winds is critical to help NY state reach this goal.

The fact that wind turbine operators are willing to spend millions of dollars to upgrade the turbines tells me that this project continues to be financially viable. It will benefit the company, the Town of Hamburg and Erie County.

Please support the continued operation of the Steel Winds turbines that are located in the Town of Hamburg. It is good for Hamburg and it is good for Erie County to have such a great renewable energy operation located on what is a brownfield and an industrial site.

Thank you!

Janet Lenichek  
Resident of Erie County

## Sean Doyle

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**From:** Charley Bowman <renewableenergy@wnypeace.org>  
**Sent:** Monday, November 25, 2019 1:55 AM  
**To:** sdoyle@townofhamburgny.com  
**Subject:** Re: Niagara Wind Power's Custom PILOT for Steel Winds II  
**Attachments:** Letter to Hamburg IDA.pdf

Mr. Doyle,

My comments in support of Niagara Wind Power's application before the Hamburg IDA. (see attached).

Regards,

Charley Bowman

Charley Bowman  
Environmental Justice Task Force  
WNY Peace Center, Inc  
1272 Delaware Ave  
Buffalo, NY 14209  
716-908-8227 (c)

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"The furnaces of the world now burn about 2 [billion] tons of coal a year. When this is burned, uniting it with oxygen, 7 [billion] tons of carbon dioxide to the atmosphere yearly. This tends to make a blanket for the earth and to raise its temperature. The effect may be considerable in a few centuries." A New Zealand newspaper in 1912: "COAL CONSUMPTION AFFECTING CLIMATE" Rodney and Otamatea Times, Waitemata and Kaipara Gazette, 14 August 1912

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"We are like tenant farmers, chopping down the fence around our house for fuel, when we should be using nature's inexhaustible sources of energy—sun, wind, and tide....I'd put my money on the sun and solar energy. What a source of power! I hope we don't have to wait until oil and coal run out before we tackle that." -- Thomas A. Edison - 1931

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"Of the climatic effects induced by man, only that for CO2 can be conclusively demonstrated to be globally significant... We may be in for a climatic surprise. The onset of the era of CO2-induced warming may be much more dramatic than in the absence of natural climatic variations" Wallace S. Broecker, 1975, Climatic Change: Are We on the Brink of a Pronounced Global Warming? Science 189: 460-463.

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"In the first place, there is general scientific agreement that the most likely manner in which mankind is influencing the global climate is through carbon dioxide release from the burning of fossil fuels" -- James Black, 1977 -- Exxon Mobil's Senior Scientist

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[In wealthy countries]..family planning is the single most cost-effective way to abate carbon dioxide emissions. Spending \$24 on wind energy averts 1 metric ton of carbon dioxide emissions. So does spending \$51 on solar energy. But spending just \$7 on family planning achieves the same result (2010 study, see <http://thebulletin.org/debating-link-between-emissions-and-population/green-sex-climates-sake>)

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"Considering the various uses of coal throughout the world, we certainly do not utilize more than two per cent of its energy theoretically available." -- "THE PROBLEM OF INCREASING HUMAN ENERGY", by Nicolas Tesla, June



November 24, 2019  
Sean Doyle  
Executive Director, Hamburg IDA  
Via: [sdoyle@townofhamburgny.com](mailto:sdoyle@townofhamburgny.com)



**Re: Steel Winds II Application for a Custom PILOT Agreement**

I am writing in support of the Steel Winds II Replacement Project upgrading six 2.5 MW wind turbines located on the former Bethlehem Steel site in Lackawanna NY. Niagara Wind Power is applying for a custom PILOT agreement to help fund the \$4,292,858 upgrade<sup>1</sup>. Four of these turbines are located within the Town of Hamburg NY.

Steel Winds II sits on one of the best onshore wind sites in New York State. During the past 7 years, Steel Winds II ranked between 1 and 6 in capacity among all other wind farms in NY State (see NYISO Goldbook reports for 2012 - 2019). This means Steel Winds II ranks at the top, or near the top, of all wind farms in NY State in terms of hours per year generating electricity. New York State now has 24 wind farms, with 2 more farms coming online in the near future.

However, in 2017 and 2018, Steel Winds II's capacity ranked 8 and 17 among all other wind farms in NYS, respectively. The greatly diminished capacity reflects the technical problems which need to be addressed.

The reason for Steel Winds II phenomenal capacity (excluding 2017 and 2018) is the higher frequency summer winds caused by heating of the lands east of Lake Erie. Such heating causes uplift which evokes onshore winds off Lake Erie. As these onshore winds cool downtown Buffalo in summer, they also drive Steel Winds II turbines.

Wind turbines located far inland, such as central NY, are at a disadvantage during summer relative to Steel Winds II. Wintertime winds are stronger and more frequent than summertime winds, but all NY State wind farms take advantage of wintertime winds.

Wind farms attract investments in industry. For example, the nation's biggest steel producer, NUCOR, is finishing a new \$250 million dollar steel mill in Sedalia MO. NUCOR's electric arc furnaces will be powered by inexpensive electricity generated by wind farms<sup>2</sup>. And in Pueblo Colorado, home of the old Evraz Rocky Mountain Steel mill, wind farms and solar farms will power 95% of the steel mills' electricity demand. During the day solar PV will dominate, while wind farms will produce most of the steel mill's

<sup>1</sup>

[https://www.ecidany.com/documents/Applications\\_and\\_Transcripts/2019%20Applications/Steel%20Winds%20II%20Replacement%20Project%20-%20Application%20for%20Tax%20Incentives.pdf](https://www.ecidany.com/documents/Applications_and_Transcripts/2019%20Applications/Steel%20Winds%20II%20Replacement%20Project%20-%20Application%20for%20Tax%20Incentives.pdf)

<sup>2</sup> U.S. readies first wind-powered steel plant, by Jeffrey Tomich, E&E News reporter Energywire: Friday, November 15, 2019. <https://www.eenews.net/stories/1061552453>

electrical energy at night<sup>3</sup>. Big money is finding ways to employ the variability in clean energy generation to the advantage of their owners/stock holders.

In addition to Steel Winds I and II at the Bethlehem steel site, there are two functioning 2 MW solar farms (Steel Sun I & II), which will soon be joined by three more such farms, 2.8 MW each<sup>4</sup>. As in the case of the steel mills out west, the combined solar PV and wind farms in Lackawanna will be attractive to industry because they will provide electricity in both summer and winter. These investments in clean energy in Lackawanna will pay dividends in the near future.

Finally, a new report<sup>5</sup> from the Department of Energy's Lawrence Berkeley National Laboratory concludes that solar PV and wind energy decreased the nation's electricity prices by less than \$1.3/MWh between 2008 and 2017. But in California, where wind farms are more prevalent, the cost reduction is larger. Those California wind farms reduced the wholesale price by \$2.2/MWh. For New York State, wind and solar PV decreased the wholesale price of electricity by \$0.3 and \$0.2/MWh, respectively<sup>6</sup>. As more wind and solar farms come online in NY State, wholesale electricity prices will decline in our state.

Saying "no" to the Steel Winds II custom PILOT agreement is the equivalent to saying "no" to future investment in Erie County, and "yes" to higher wholesale electricity prices. It would be bad policy for the Hamburg IDA not to invest money in upgrading the Steel Wind II's wind turbine facility.

Thank you.

Charley Bowman, Ph.D.  
Chair, Environmental Justice Taskforce of the WNY Peace Center  
1272 Delaware Ave  
Buffalo NY 14029  
716-908-8227  
RenewableEnergy@wnypeace.org

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<sup>3</sup> The Steel Mill That Helped Build the American West Goes Green: Wind and solar power will replace coal at a Colorado furnace., by Justin Gillis. <https://www.nytimes.com/2019/10/16/opinion/solar-colorado-steel-mill.html>

<sup>4</sup> Solar Electric Programs Reported by NYSERDA: Beginning 2000. <https://data.ny.gov/Energy-Environment/Solar-Electric-Programs-Reported-by-NYSERDA-Beginn/3x8r-34rs>

<sup>5</sup> Impact of Wind, Solar, and Other Factors on Wholesale Power Prices: An Historical Analysis—2008 through 2017 Lawrence Berkeley National Laboratory November 2019. figure ES-1, page IX <http://eta-publications.lbl.gov/sites/default/files/lbnl-wind-and-solar-impacts-on-wholesale-prices-approved.pdf>

<sup>6</sup> Ibid. See page 21.



**Sean Doyle**

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**From:** Sara Schultz <healplanet2018@gmail.com>  
**Sent:** Monday, November 25, 2019 9:52 AM  
**To:** sdoyle@townofhamburgny.com  
**Subject:** Steel Winds Replacement Project

To the Hamburg IDA,  
Please endorse the Steel Winds Replacement Project. Re-investing in these turbines is both financially and environmentally a smart path forward to ensuring our County continues to strengthen itself as a NYSERDA Clean Energy Community and a Climate Smart Community, Bronze level. Protecting our environment continues to also be a way to save money in the long term and add to energy security and energy independence. Since there is already so much community push back on important industrial scale renewable energy projects, this endorsement could strengthen the positive message that renewable energy benefits our community.

Thank you,  
Sara Schultz

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"Bring a bucket of water and throw it on the fire, and if you don't have a bucket, bring a glass, if you don't have a glass, bring a teaspoon. And yes, I know a teaspoon is little and fire is huge but there are millions of us and each one of us has a teaspoon." Amos Oz

Sara Schultz  
Sierra Club Niagara Chair  
Amherst Energy Conservation Citizens Advisory Committee Chair



Dear Sean Doyle

I urge you to approve the Repowering of the wind turbines in Hamburg north of Woodlawn Beach.

I am encouraged by the positive aspects of the proposed repowering, including increased production from the new turbines, improved bat + bird protection a \$21 million investment + the increased revenues the turbines will provide for Erie Co, Lackawanna, Hamburg, + Frontier Central + Lackawanna city school districts.

Thank you, Ms Cynthia  
McCloskey



Sean Doyle,  
Hamburg IFA  
6122 South Park Ave  
Hamburg, ny 14075.

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10/1/2019

