

-----Original Message-----

**From:** Litchfield, Dan [mailto:dlitchfield@iberdrolaren.com]

**Sent:** Monday, February 11, 2013 3:03 PM

**Subject:** Wild Meadows Wind Farm

Dear Ms. Connolly,

I am working with our developer in Concord, Ed Cherian, and we wanted to thank you for your interest in our project. I am hopeful that our project can add to the environmental education of your camp and not take anything away. We are happy to meet with you to further discuss your concerns. Please give me a call or email at your convenience.

As far as I can tell, your camp is over six miles away from the nearest planned turbine, so there is absolutely no way you would hear or feel them. Sound levels drop off with distance, and our plans call for the highest sound level at the nearest house (about 1500 feet away from a turbine) being 45 decibels or less, which is about the level of a dishwasher. Property values are another legitimate concern, and all the research to date shows there has been no effect on property values due to the presence of wind farms. You can see a visual simulation of how our project will look from Camp Pasquaney, which I think is near your camp, at <http://www.edrcompanies.com/wildmeadowswindproject/>, see view point 160.

---

The Big Picture is generating local economic benefits and emissions-free energy, which is what our project is designed to do. Hopefully we can all agree those are admirable goals. We have two operating projects in New Hampshire now that have gone through the rigorous New Hampshire Site Evaluation Committee and so far have been received very well by their host communities.

Also attached for your reference is our latest project newsletter, which addresses some of the concerns you bring up and also discusses the benefits to the community of diversifying the economy by adding a new wind project. Please see [www.wildmeadowswind.com](http://www.wildmeadowswind.com) for more information about our project.

Sincerely,

Dan Litchfield



Dan Litchfield

**Lead/Senior Business Developer**  
1816 N Rockwell St., Unit E, Chicago, IL 60647  
773-318-1289 Cell  
773-442-0207 Fax  
[dlitchfield@iberdrolaren.com](mailto:dlitchfield@iberdrolaren.com)



In the interests of the environment, please print only if necessary and recycle

----- Forwarded message -----

From: **Anne Conolly** <[aconolly@camponaway.org](mailto:aconolly@camponaway.org)>

Date: Thu, Feb 7, 2013 at 12:48 PM

Subject: NH Wind Watch

To: [bill.baber@leg.state.nh.us](mailto:bill.baber@leg.state.nh.us), [robert.backus@leg.state.nh.us](mailto:robert.backus@leg.state.nh.us), [david@oursustainablenh.com](mailto:david@oursustainablenh.com), [lesterbradley@hotmail.com](mailto:lesterbradley@hotmail.com), [cali0917@aol.com](mailto:cali0917@aol.com), [jim.devine@leg.state.nh.us](mailto:jim.devine@leg.state.nh.us), [kenneth.grossman@leg.state.nh.us](mailto:kenneth.grossman@leg.state.nh.us), [REIntrone@aol.com](mailto:REIntrone@aol.com), [richard.levasseur@leg.state.nh.us](mailto:richard.levasseur@leg.state.nh.us), [david.murotake@leg.state.nh.us](mailto:david.murotake@leg.state.nh.us), [beatriz.pastor@leg.state.nh.us](mailto:beatriz.pastor@leg.state.nh.us), [rapp@lmr.com](mailto:rapp@lmr.com), [ian.raymond@leg.state.nh.us](mailto:ian.raymond@leg.state.nh.us), [pegskip05@hughes.net](mailto:pegskip05@hughes.net), [chuck.townsend@leg.state.nh.us](mailto:chuck.townsend@leg.state.nh.us), [dboutin1465@comcast.net](mailto:dboutin1465@comcast.net), [dalas@leg.state.nh.us](mailto:dalas@leg.state.nh.us), [sylvia.larsen@leg.state.nh.us](mailto:sylvia.larsen@leg.state.nh.us), [chuck.morse@leg.state.nh.us](mailto:chuck.morse@leg.state.nh.us), [james.rausch@leg.state.nh.us](mailto:james.rausch@leg.state.nh.us), [andy.sanborn@leg.state.nh.us](mailto:andy.sanborn@leg.state.nh.us), [jeb.bradley@leg.state.nh.us](mailto:jeb.bradley@leg.state.nh.us), [casac@worldpath.net](mailto:casac@worldpath.net), [andrew.hosmer@leg.state.nh.us](mailto:andrew.hosmer@leg.state.nh.us), [NH.Sen.Pierce@gmail.com](mailto:NH.Sen.Pierce@gmail.com), [martha.fullerclark@leg.state.nh.us](mailto:martha.fullerclark@leg.state.nh.us), [bob.odell@leg.state.nh.us](mailto:bob.odell@leg.state.nh.us), [represcott@represcott.com](mailto:represcott@represcott.com), [Jeff.Woodburn@leg.state.nh.us](mailto:Jeff.Woodburn@leg.state.nh.us), [sharon.carson@leg.state.nh.us](mailto:sharon.carson@leg.state.nh.us), [john.reagan11@gmail.com](mailto:john.reagan11@gmail.com), [donna.soucy@leg.state.nh.us](mailto:donna.soucy@leg.state.nh.us), [david.watters@leg.state.nh.us](mailto:david.watters@leg.state.nh.us), [peter.bragdon@leg.state.nh.us](mailto:peter.bragdon@leg.state.nh.us), [jeanie.forrester@leg.state.nh.us](mailto:jeanie.forrester@leg.state.nh.us), [peggy.gilmour@leg.state.nh.us](mailto:peggy.gilmour@leg.state.nh.us), [molly.kelly@leg.state.nh.us](mailto:molly.kelly@leg.state.nh.us), [nancy.stiles@leg.state.nh.us](mailto:nancy.stiles@leg.state.nh.us), [bette.lasky@leg.state.nh.us](mailto:bette.lasky@leg.state.nh.us), [timothy.drew@des.nh.gov](mailto:timothy.drew@des.nh.gov), [Thomas.Burack@des.nh.gov](mailto:Thomas.Burack@des.nh.gov)

Cc: Vin Broderick <[vbroderick@pasquaney.org](mailto:vbroderick@pasquaney.org)>, Sam Punderson <[sampunderson@mowglis.org](mailto:sampunderson@mowglis.org)>, Donna Graves <[dmgraves9@gmail.com](mailto:dmgraves9@gmail.com)>

Dear NH Science, Technology and Energy Committee:

I am the Director of Camp Onaway, a 102 year old girls' summer camp on Newfound Lake ([www.camponaway.org](http://www.camponaway.org)). For over 100 years we have offered girls from many states and countries a healthful, peaceful and educational 7 week summer where they learn to appreciate and care for the natural environment of our woods, lake and mountains while they make good friends, build new

skills and have fun. They learn about protecting the Newfound watershed and they volunteer to help care for it. The northeast shore of the lake is occupied by two other similar summer camps and we work together to maintain the pristine quality of our properties.

We are very concerned about the proposed wind farms on the mountains in our area, following the recently built farm in Groton. It's not only the view or real estate value that concerns us, but it's the issues of sound, vibration and health, lights, power lines, access roads, site work and operations causing land erosion and negatively impacting the lake which we all work so hard to take care of to keep clean and safe.

Our Development Director, Meredith Funston, attended the informational meeting in January where they proposed a moratorium on the projects around Newfound Lake until NH can address the environmental and economic impact properly. She reported that it was both "VERY interesting and alarming." It seems the foreign wind farm companies are taking advantage of our lack of regulations and oversight in NH, and rushing to put the farms up across our mountain ranges, with the ranges around Newfound next on the list. Evidently, the small amount of energy generated from the farms comes at a very large cost, including land erosion that will impact the lake, known as one of the cleanest in the country. I hope you'll read the attachments and help slow this down as best you can so NH can address energy opportunities in a more thoughtful and productive manner.

We are so proud of the work that we do at Onaway to remain environmentally prudent and cautious and feel that we have had no opportunity for input on this matter. The moratorium would at least allow time to investigate the impact on our lake and shore and time to put good regulations in place. Then we can proceed, more responsibly and scientifically, to pursue the best renewable resources for NH.

Thank you very much for your attention to this matter.

Yours truly,

Anne P. Conolly  
Director, Camp Onaway  
[518-443-0004](tel:518-443-0004)

# WILD MEADOWS Wind Farm



February 2013, Issue II



Can you spot the wind turbines? This is a photo simulation of the proposed project, as seen from the middle of Newfound Lake.

## What happens when a wind farm comes to town?

The Wild Meadows Wind Farm is a proposed wind farm. Here are some key facts:

- Area: Spread across 6,000 acres of leased, privately-owned land in the Towns of Alexandria, Danbury, and Grafton. The project footprint will total less than 200 acres.
- Based on the experience with Iberdrola Renewables' operating Lempster and Groton wind farms, Wild Meadows would pay a total of \$33 million over 20 years in annual PILOT payments to the towns, one-time land use change tax payments, annual state utility property tax and lease payments to the landowners.
- The wind farm would capture energy from the wind and produce enough electricity for the equivalent of 32,000 average New Hampshire houses during average production, or nearly 100,000 NH homes when at peak production.
- The Wild Meadows Wind Farm will offset carbon dioxide emissions by approximately 287 million pounds per year. That is the equivalent of removing more than 25,000 cars from the road, or not burning more than 302,000 barrels of oil each year, or the amount of carbon sequestered annually by 137,000 acres of pine or fir forests, or the carbon emissions from 6.9 million propane cylinders used for home barbecues.



Pictured above and right: The Lempster, NH Wind Farm





(Continued from cover...)

## What are the local economic benefits?

Iberdrola Renewables works with a long list of New Hampshire companies when developing and constructing wind farms, and we thank them for their attention to safety and quality work. Some of these companies include 3-Phase Line Construction, Coleman Construction, Construx, Coursey Custom Homes, NH Test Boring, Garland Lumber, Jimmy Hiltz Construction, Securitas, The Louis Berger Group, Ossipee Mountain Electronics, Capital Drilling, HS&G, Stump Grinders, PAR Electric, and VHB. Groton Wind employed at peak over 150 New Hampshire workers, and generated over 182,000 labor hours for New Hampshire workers.



Keith and Jason Fulton of Fulton's Construction, LLC in Lempster, worked on the Lempster project and are big fans. "From our front porch we enjoy a birds-eye view of at least six spinning units and were privileged to be a part of the construction process, as a supplier of fine quality materials...Local businesses have benefited as well from the great influx of visitors from near and far to witness this fascinating display. The apprehension voiced by a few...have been greatly dispelled."

Paul Manson at Village Forge Welding, located in Newport, worked for several of the Lempster contractors. He says, "aside from the much-needed work, the project is supplying clean power to many homes with very little impact to the area. As a matter of fact, the project can be seen from my home and stood out for a week or two. After that time the project blends into the hills and one has to stop and look to notice it. Another point is the care that the contractors took in respecting the town's wishes and demands. They did their best to make every person, committee and community member as content as possible. The area was clean and safe which creates a great environment to work in."

Donald Holmes, the principal of Homes by Holmes in Grantham, built the maintenance building for Lempster and estimates with the 30 local people he employed on the building and the \$130,000 in local material purchases, the construction of the maintenance building alone injected \$300,000 into the local economy.

Brian Shedd of Construx, Inc. in Plymouth, which built the maintenance building at Groton, described the local economic impact of that project: "Most of the sub-trades working on the building came out of New Hampshire. My foundation people were from New Hampshire. Our plumbers were from New Hampshire, our electricians and IT people were from New Hampshire, as were our drywallers and painters. Of course, our people, who erected the building, were from New Hampshire too."

In addition to those local companies and people directly employed in constructing the wind projects, other area businesses have seen a surge in activity during peak construction periods. Bob and Rita Wagner of the Newport Motel in hosted many members of the construction crew and saw them "...go to the local stores, restaurants, launder-mats and various other vendors in town...We have benefited greatly from this project, giving us the best year [2008] since we bought the motel in 2003. We believe the wind farm project was a great success for the economy in this area."

## Who is Iberdrola Renewables?

Iberdrola Renewables is part of Iberdrola S.A., an energy pioneer with the largest renewable asset base of any company in the world –more than 14,000 megawatts (MW) of renewable energy installed across 23 countries. Iberdrola Renewables is the second-largest wind operator in the U.S., with more than 5,500 MW in operation – enough to meet the demand of more than one million typical American homes.

Iberdrola Renewables enjoys the strong financial backing of its ultimate corporate parent, Iberdrola, S.A., Spain's number one energy group and one of the world's five largest electricity groups. A company with a 110-year history and roots in hydroelectric power, Iberdrola S.A. employs more than 33,000 people in more than 40 countries and has placed the environment and sustainable development at the center of its global strategy. The company is also focused on developing the next generation of renewable technologies, from offshore wind and solar, to biomass and tidal energy.

As a global leader in clean energy, Iberdrola Renewables is deeply rooted in the United States, the world's largest energy market and a country with incredible renewable resource potential. Iberdrola Renewables employed more than 800 people at the end of 2011 in the U.S. Furthermore, through huge investments in the company's American projects, we have already created thousands of jobs in industries and communities across the country.





## What can I do to learn more or get more involved?

Please visit our website occasionally for updates on the project and to see detailed plans for the project:

<http://www.iberdrolarenewables.us/wildmeadows>

Also, please call your representatives and voice your support for this new project:

### Alexandria Board of Selectmen:

603-744-3220. [alexandrianh@metrocast.net](mailto:alexandrianh@metrocast.net) or 47 Washburn Rd, Alexandria, NH 03222

### Danbury Board of Selectmen:

603-768-3313. [danbury\\_selectmen@comcast.net](mailto:danbury_selectmen@comcast.net) or 23 High St, Danbury, NH 03230

### Grafton Board of Selectmen:

603-523-7700. [Selectmen@townofgraftonnh.com](mailto:Selectmen@townofgraftonnh.com) or PO Box 299, Grafton, NH 03240

### State Senator Jeanie Forrester:

(603) 271-2104. [jeanie.forrester@leg.state.nh.us](mailto:jeanie.forrester@leg.state.nh.us) or 107 North Main St, Room 105-A, Concord, NH 03301

### Executive Councilor Ray Burton:

(603) 747-3662. [rburton@nh.gov](mailto:rburton@nh.gov) or 338 River Rd, Bath, NH 03740

### Please also send a copy of your message to the Project Developer, Ed Cherian:

(603) 440-3127, [echerian@iberdrolaREN.com](mailto:echerian@iberdrolaREN.com) or PO Box 326, Concord, NH 03302

## What happens when we are done generating electricity from the wind?

Like our two other operating projects in New Hampshire, the Wild Meadows Wind Farm will be decommissioned and removed when the project is no longer generating electricity. Iberdrola Renewables is completely responsible for planning for, paying for, and executing the removal of the project. Here are standard decommissioning requirements, drawn from the state requirements for Groton Wind:

- Prior to construction, the project must submit a site-specific decommissioning estimate, including the cost to remove project facilities down to 18" below grade.
- The estimate has to be updated every 5 years to adjust for changing construction practices and material prices.
- The project is responsible for the decommissioning expense and must complete decommissioning within a designated time after the end of the useful life of the project.
- The project must submit the actual decommissioning plan to the Town no less than 3 months before decommissioning is to begin.
- The project must provide a form of funding assurance acceptable to the Town. For example, a bond, letter of credit, or a parent guarantee from the project's parent company.
- To see the full and complete text of the decommissioning requirements for Groton Wind, visit this link: <http://www.nhsec.nh.gov/2010-01/documents/100326app5.pdf>



*The Groton Wind Farm*

## Will Iberdrola Renewables work with my snowmobile club?

Yes! We work with snowmobile clubs on most of our wind farms in the Northeast, including support for signage and information for members, financial assistance for trail relocation if needed, and working to ensure continued safe access. Many of our landowners are avid snowmobilers who have allowed their land to be used for trails for many years.

Ed Cherian  
P.O. Box 326  
Concord, NH 03302



## WILD MEADOWS Wind Farm

February 2013, Issue II

### Is the project a good use of land?

The development and operation of a wind farm is compatible with the existing use of the land. The use of most of the leased land will not change. The landowners will continue to log their land, and where they have granted access, public hunting and recreation will continue to be allowed. For our Lempster and Groton Wind Farms, hunting, recreation, snowmobiling, logging, and farming all continue. In addition, both projects have supported conservation easements. Wind farms allow local landowners to keep their land whole and mostly in Current Use, rather than subdivide it to pay the taxes.



### Myths and Facts:

**Myth: the wind farm is going to destroy thousands of acres of forest.**

**Facts:** The total project footprint, including turbine sites, access roads, and an operations building, will total less than 200 acres of a 6,000 acre parcel that is already actively logged. The gravel haul roads are reduced to 16 feet wide after construction. Just like on public roads, some turns will be wider, but those are only in a few places. In the end, less than 3% of the site will be used, and some of those locations in the forest of younger pines and hardwoods were already partially cleared. The full civil engineering plans for the Groton Wind roads can be viewed at this link:

<http://www.nhsec.nh.gov/2010-01/documents/100326app2.pdf>

**Myth: wind farms elsewhere have reduced property values.**

**Facts:** The most comprehensive study to-date, performed by the U.S. Department of Energy's Lawrence Berkeley National Laboratory, examined almost 7,500 sales of single family homes situated within 10 miles of 24 existing wind facilities in 9 different U.S. states. It found that "Neither the view of wind energy facilities nor the distance of the home to those facilities was found to have any consistent, measurable, and significant effect on the selling prices of nearby homes." The University of New Hampshire Whittemore School of Business studied property values near Lempster and found no effect from the wind turbines. New Hampshire Public Radio reported in November, 2012, that four realtors they contacted in and around Lempster say their experiences confirm the UNH study.





# Economic and Job Benefits for New Hampshire Wind Farms



## LEMPSTER WIND PROJECT

### Payments/Taxes

- 2008 – present: Property tax payments to town: over \$2,700,000 paid through 2012
- 2008: Land use change tax: \$103,201
- 2008 – present: Annual payments to local landowners: approx. \$135,000
- 2008 – present: State utility property taxes average over \$300,000 per year

### Jobs

- Construction: Peak employment of 120 (over 2/3 NH workers)
- Operations: 3 full-time NH employees



## GROTON WIND PROJECT

### Payments/Taxes

- 2012: Payments to town during construction: \$100,000
- 2012: Land use change tax: over \$200,000
- 2013- future: PILOT payments to town: \$528,000 (thereafter annual increases of 2.5%)
- 2013 - future: Estimated annual payments to landowners: approximately \$275,000
- 2013 - future: State utility property tax: over \$450,000 annually for life of project

### Jobs

- Construction: Peak employment of 305 (over 60% NH workers)  
Thru October 2012: 169,305 NH worker hours
- Operations: 5 full-time NH employees



## WILD MEADOWS WIND PROJECT

### Estimated annual PILOT payments to towns (based on 74 MW project):

- Alexandria: \$286,000
- Danbury: \$352,000
- Grafton: \$176,000

### Estimated land use change tax payments to towns:

- Alexandria: \$122,850
- Danbury: \$151,200
- Grafton: \$75,600

**Estimated state utility property tax:** over \$550,000 annually estimated for life of project

**Estimated annual payments to landowners:** approximately \$280,000

### Jobs

- Construction: Expected peak employment of over 300 workers (at least 50% NH labor)
- Operations: 5 full-time NH employees