



The existing Peñascal I and II wind farms provide 404 Megawatts (MW) of clean, renewable wind power.

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## Texas Poised to Host Iberdrola Renewables' Largest Energy Complex

Texas and big just go together. Think trucks, steak and wind farms.


In November, Iberdrola Renewables started significant construction on its third wind power project in Kenedy County, Texas, south of Baffin Bay. When completed in late 2014, the Baffin Wind Farm will combine with the company's two existing wind facilities in the county—Peñascal I and Peñascal II—to make up Iberdrola Renewables' largest wind energy complex in the world at 606 MW.

"Working with Kenedy County and the landowner on an additional expansion of the Peñascal complex exemplifies the partnership we strive for within each of the communities we serve," said Jason Du Terroil, business developer for Iberdrola Renewables. "Investing here makes sense for many reasons, but the success we've had together with our partners helps us continue leading the transformation to a competitive, clean energy future."

While Texas is often, and rightfully, associated with its oil and gas production leadership, it leads all other states in installed wind power too, with more than twice as much installed as the next-closest state, California. The Baffin Wind Farm will add 101 wind turbines and have the capacity to produce 202 MW of energy.

The project began construction in November and is expected to be operational by the end of next year. The \$300 million investment will not only create more energy, but will also establish approximately 240 construction jobs and eight permanent jobs at the new wind farm. In addition, because wind energy is a permanent, nondepleting energy source, the project will provide a stable, long-term source of local tax revenue.

### Facts About the Baffin Wind Farm:

- All 606 MW have plenty of room to stretch out on the 191,000-acre property that Iberdrola Renewables leases from the landowner.
- The wind resource on the Texas Gulf Coast is both strong and timely: afternoon breezes often lead to strong generation right when power demand is highest. 



## 5 Questions for Jason Sheaves, Director, Field Services

As Iberdrola Renewables' director of field services for the western region (Oregon, Washington, California), Jason Sheaves looks after the region's 18 operating projects totaling 1708 MW. *Landowner News* recently caught up with Jason to learn more about his job and wind power in his region.



**Landowner News:** What is your background and how did it lead you to the wind power industry?

**Sheaves:** After receiving a bachelor's in engineering from the Colorado School of Mines, I was commissioned as an officer in the U.S. Army. Following four years of service, I decided to pursue a career in operations and maintenance; first as a plant manager of an industrial gas company, and then as a maintenance manager at a flour mill and packaging facility. Although I enjoyed the challenges presented by these opportunities, I missed the sense of pride I maintained while serving in the military. I have now found a renewed sense of purpose, working to further the wind industry, and I'm excited to say I work for the best renewable energy company in the world!

**LN: What is a typical day on the job like for you?**

**Sheaves:** Since my transition to this new position, I have found the only thing typical about my day is that it is fast paced. Managing 18 plants across three different states results in a brand-new



The project has provided some on-going jobs and the community will begin to receive tax revenue in 2014. This amounts to \$2.735,000 per year which will make the project the largest single tax payer in the county. These funds will be used for schools, highways, and other community improvements.

The project has a capacity of 304 megawatts of electrical power. We like taking part in producing energy that doesn't deplete natural resources.

Whenever we have needed to call, they have promptly responded. For instance, broken pieces of planks, used to protect the road from the heavy equipment, were left in the corner of the field; in addition some of our drainages also were damaged. We reported the problems and they were

Instead of a nice rectangular field, we have two circles around the machines which are less convenient to farm. And we've lost a couple of acres of land for farming to some roads and machines.

We are supposed to be able to farm within 10 feet of the turbines but we have been in a voluntary "bird watch area" for the past two years. That is about seven acres around one turbine and three around the

other we have been asked not to plant. There is particular concern about the federally endangered Indiana Bat. People have been hired who walk daily around one of the blind search areas and two to

three times a week around the other searching for birds that have been killed or injured. Their findings have not yet been reported. The developers are trying hard to satisfy the environmentalists.

Ask for more control of location of the turbine and access road so that your farm land can continue to be used effectively and efficiently. One of our access roads was built through the middle of a field



large unobstructed areas to farms. In addition, a strip of land between the access road and the adjoining farm is too small for our equipment. We pay our neighbor to farm it for us. Boundary lines

By the time we looked over the design and noticed the tower, it had already been approved by the Ohio Power Siting Board and could not be changed.

In the future the needs of farmers should be documented, understood, and, considered by the professionals who draw the system designs so these issues can be avoided.

*"There we support using something that is basically going to waste. The wind is just passing by. Why deplete oil and coal when we can use it for energy production?"*

Dick and Margaret Miller appreciate the economic benefits of having two wind turbines on their farms. They are also proud to be able to do their part in advancing green energy.

*Dick and Margaret Miller farm 2,400 acres in View West Country with their son, Dan, and grandson Jordan.  
Joan Trejanowski is a free-lance writer and Dick's cousin.  
Photos courtesy of Stan Trejanowski.*



Margaret Miller's brother,


Floyd Tyas and his wife Carolyn, live about 800 feet from a wind turbine that was built on their land. Wilson

asked what it's like to live in the wind farm, Floyd said, "After having them around

us for two years, they're just a part of the horizon. It's like when they put power in

during the 30's and 40's and used electrical poles; it's not much different—they're just there. And I work around

them."

You can read up on the Miller's story on the *Green Energy Ohio* website, located at [www.greenenergyohio.org](http://www.greenenergyohio.org). 

set of challenges on a daily basis. I enjoy the variety of these challenges, as well as the ability to work at the wind parks or in the corporate office, to assist where I can. I spend a significant amount of time communicating and interfacing with different departments in the organization, acting as a conduit for information between the wind sites and corporate entities.

**LN: What do you like best about your job?**

**Sheaves:** I am grateful for the opportunity to work for a company that truly values its employees. In all departments of the company, every Iberdrola Renewables employee is empowered and has the ability to effect positive change. My favorite part of the job is building professional relationships across the organization and coordinating the efforts of numerous individuals, within different departments, to reach a common goal. It is extremely rewarding to be a contributing member of a successful team.

**LN: What's the view of wind power in your region?**

**Sheaves:** My region consists of Oregon, Washington and California, each of which has a significant wind energy presence. There is a broad acceptance of wind as the favored utility-scale source of power in these areas. From my experience, our local communities view our relationship as mutually beneficial and are proud to partner with us to provide for a future of sustainable, clean energy.

**LN: What's one thing about your job that landowners might be surprised to learn?**

**Sheaves:** Utility-scale power cannot readily be stored and the power being generated at any moment must be equivalent to the power being consumed from the grid. Variability in wind patterns affects the power generation from wind farms, which has to be actively managed by electric utilities. To assist with the integration of wind power into the grid in the Pacific Northwest, Iberdrola Renewables self-balances wind energy with other types of electricity generation. 🌱

## Rugby Wind Farm Supports Local Geographical Days Event

Iberdrola Renewables' Rugby Wind Farm in Rugby, N.D., was proud to participate in the second annual Geographical Days this past September and once again show its involvement with the community. The event, which celebrates Rugby's distinction as the geographic center of North America, was started in 2012 as a collaborative effort between Iberdrola Renewables, the Rugby Job Development Authority, the Rugby Chamber of Commerce and other local businesses.



While face painting and a petting zoo entertained the kids, adults listened to live music and browsed the local vendors. Proceeds raised through donations were made to a number of local causes, including Relay for Life, the local museum and a local scholarship fund. 🌱



## Winter Brings Unique Safety Considerations to Wind Facilities

With cold temperatures, snowy conditions and limited daylight hours, winter brings its own unique safety considerations to wind facilities. Here are a few safety tips for landowners and the public to remember when they partake in winter outdoor activities near wind turbines:

- Become familiar with the terrain and know the location of turbine towers.
- Snowmobile riders must be cautious of warning signs and electrical boxes alongside roadways and near wind turbines, which may be obscured by snow.
- Snowmobiles and sleds should proceed at a slow, safe speed near turbines.
- If you allow hunting on your property, let hunters know that they may encounter avian (bird) technicians and wind turbine technicians conducting various tasks on the property. These technicians will be wearing hard hats and may be wearing orange vests. Hunters should be aware of their presence.
- Landowners who notice any missing or obscured warning signs should notify the local plant manager immediately. 🌱





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## Questions? Have a story to tell?

Questions or comments relating to *Landowner News*? Have a story to tell? Would you rather receive an electronic copy to save paper? We'd like to hear from you!

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## Happy Holidays!



Happy Holidays from Iberdrola

Renewables and *Landowner News*!

From our families to yours, best

wishes for a joyous and safe holiday

season and a wonderful 2014!



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