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## New Training Program and College Partner

Iberdrola Renewables recently decided to take on greater responsibility for the long-term operations and maintenance of our wind turbines by providing in-house maintenance when our current manufacturer warranties expire. This decision is already resulting in a significant cost savings, while also adding long-term local jobs to the communities where we operate.


New technicians undergo a robust two-year training program that includes achieving a mastery of the Environmental Health and Safety (EHS) manual, as well as theory training on how a wind turbine operates. They also receive extensive electrical safety training before demonstrating their competence in operations and maintenance responsibilities.

Since not all wind turbine manufacturers offer courses covering maintenance, we decided to actively seek a partner who could help us develop and administer training for our technicians. We found that partner at Redstone College in Denver.

Using the approved turbine qualification standard, our training manager, Scott Buehler, has worked closely with Redstone to develop both course content and class presentations. Additionally, our Peñascal plant in Texas played a large role in the development of this course by allowing access to their Mitsubishi turbines. Hector Leos, a technician at Peñascal, was instrumental in providing detailed information to further enrich our course materials.



Technicians from Peñascal, Juniper Canyon (WA) and Elm Creek II (MN) attended two separate two-week sessions, one in June and one in July, at the Redstone campus. All attendees walked away with in-depth practical knowledge that they can utilize at their respective plants.

"The class covered some parts of theory I didn't remember and some that I didn't know," said Quincy Atchley of Juniper Canyon, a former Mitsubishi commissioning employee. "This class will help the next techs substantially." 



## WE WANT YOUR PHOTOS!

Please keep those great photos coming! Email your images (with a caption and contact information) to: [photos@IberdrolaRen.com](mailto:photos@IberdrolaRen.com).

## Happy Holidays!



Happy Holidays from Iberdrola

Renewables and *Landowner News!*

From our families to yours, best

wishes for a joyous, safe holiday

season and a wonderful 2015!

## Safe Hunting Near Area Wind Farms

If you allow hunting on your property, let hunters know that they may encounter avian (bird and bat) technicians and wind turbine technicians conducting various tasks on the property. These technicians will be wearing hard hats and possibly orange vests. Hunters should be aware of their presence. It is appreciated when our landowners notify area wind farms of hunters on the property ahead of time so that proper precautions can be taken.



Many readers may be familiar with the term “safe zone of fire,” which is one of the most important aspects of safely firing a rifle while out on a hunt. Remember to never fire your gun outside of your zone of fire—the 45 degree area directly in front each person’s field of view. Anything outside that zone cannot be seen with certain reliability. And, with each step you take, your zone-of-fire changes, so it’s important to make sure you’re always aware of your hunting partners’ locations, and that of others in the area, at all times. Anything you aim at needs to be clearly identified and 100 percent in your field of view before ever taking the shot. We always appreciate when our landowner partners notify us ahead of time when hunters will be on their property so we can take proper precautions.

We hope everyone has a safe and prosperous hunting season this year. For more information on hunting safety, visit your state’s department of natural resources website. 📄

## Playing Fair in Subsidized Energy Markets

How important is the renewal of the Production Tax Credit (PTC) to the future of renewable energy? That depends on whether you envision the United States as a global leader in clean renewable energy technology, as a growing number of Americans do, or if you’re content to cling to a dependency on costly, dirty fossil fuels. The PTC has directly led to the rapid growth of the wind technology that is visible across the nation today.



Thanks to investments made possible by the PTC, a modern wind turbine now produces 17 times more electricity than the typical turbine did in 1990. Today, there are more than 500 U.S. manufacturing facilities making wind components in nearly every state in the U.S. An entire industry has sprung forth, with new careers and long-term jobs to go with it. By all measures, the PTC has been a major policy success, benefitting rural America and energy consumers everywhere. All of that growth has led to significant energy cost savings for the consumer.

However, every other energy source enjoys a significant subsidy – in the case of the fossil fuel industry, subsidies that have been handed out for many decades. If wind is to continue to remain competitive and offer affordable renewable energy for consumers – it should receive the same pro-growth market incentives that every other energy sector receives.

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## 5 Questions With Mark Perryman

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**Landowner News** recently caught up with Mark Perryman, vice president of operations at Iberdrola Renewables, to discuss the company’s continued focus on innovation, and what he’s doing to foster an employee culture of innovators.



**Landowner News: How has innovation shaped the employee culture at Iberdrola Renewables?**

**Mark:** As I look back at the growth over the years, innovation is the one theme that continues to resonate with employees and across the plants. We provide 24/7 operations, maintenance and dispatch, and balance for 56 generation sites in 18 states. We work with 13 balancing authorities, 21 transmission operators and seven independent system operators. In 2006, we developed a program that recognizes and rewards innovative ideas, where on a quarterly basis we review ideas from within the organization. Submitted ideas for improvements include environmental health and safety, cost-savings initiatives, or even performance or compliance improvements. All are reviewed and winning ideas get implemented and are recognized with awards. It’s how we’ve taken the business from two employees to more than 450 in the operations organization and shaped our culture to one of continuous improvement and innovation.

**Landowner News: Do you have an example of a winning idea that was implemented?**

**Mark:** The decision to self-operate rather than extend contracts in place with turbine manufacturers was a different way of thinking at the time and an innovative decision that’s proven over the years to be a very successful business model for the company. The decision

remains successful because of the men and women who work at our power generation plants each day.

**Landowner News: Are there any recent awards you'd like to share with us?**

**Mark:** Klamath Falls co-generation plant recently celebrated a decade of excellence and received a Best Practices award on behalf of Combined Cycle Journal. It's a program for the owners and operators of generating facilities for gas-powered plants who demonstrate excellence. Additionally, the Klamath Falls plant received an award for the second year from Oregon OSHA, under their Voluntary Protection Program, which rewards employers and employees who have achieved exemplary occupational safety and health.

**Landowner News: Where is the company headed with respect to operations and innovation?**

**Mark:** Our focus on innovation and performance improvements continues to grow. We're looking closely at activities around maintenance best practices to ensure the highest value and reliability to the assets. We will continue to make safety our highest priority and are working to integrate environmental health and safety into everything we do. There are a number of global initiatives where we're benchmarking and taking best practices from one geography and implementing across the board to others. There's a lot of synergy that's happening between the sites and between the individual businesses under Iberdrola.

**Landowner News: What's the secret to the company's innovation success?**

**Mark:** Don't miss the fact that it's about the people. It's the people that make these programs a success. It's the ideas, the entrepreneurship, the drive that comes from these men and women day in and day out. It's not just one group of people sitting in a specific location in Portland, Oregon, or Portland, Maine, the U.K. or in Spain. It's the innovative ideas that help the company reach beyond our goals. It's a wonderful place to be, and my appreciation goes out to all of them. 📌

**(Playing Fair...continued)**

We are poised to make additional substantial investments in renewable energy projects upon passage of the PTC. The PTC has been critical for the renewable energy industry since it was first enacted; it's not just wind that benefits from the PTC, it's important to other renewable electricity generation technologies, including biomass and geothermal. Since the PTC first became law, the United States has dramatically increased its reliance on renewable energy, giving American consumers affordable and predictably priced electricity. For instance, wind power now supplies four percent of all U.S. electric generation and could provide 20% of the country's electricity by 2030.

With the wind at our backs, now is the time to continue clean, renewable energy development in America. It is already growing our economy, creating good long-term jobs and building a homegrown, secure energy supply. 📌

## How Do You Resolve To Use More Renewables In 2015?

This December, Iberdrola Renewables launched a social media campaign to inspire people to share how they resolve to make a positive impact on the environment in 2015. This campaign features Iberdrola Renewables' employees and influential people in the energy industry, encouraging the general public to be more mindful about the health of the environment around them next year. The campaign uses the hashtag #MyResolve to focus the conversation in social media. In addition to employees and industry influencers, we're asking our fans and followers to submit original videos and photos with their resolution.



Campaigns like this are fun to be part of, but also bring important topics like climate change to the forefront of conversation. For Iberdrola Renewables, it's an opportunity to discuss, educate and reinforce the beneficial relationship between renewable energy and the environment, and to emphasize how each individual can contribute to the greater good in the fight against climate change. So, tell us, how do you resolve to be more renewable in 2015?

To participate in our month-long campaign, or see submissions from Iberdrola employees and our fans, go to: [Twitter.com](https://twitter.com) and search for the hashtag #MyResolve. 📌

## Behind the Scenes With the Leasing Team

Dear landowners; We want to take this opportunity to introduce ourselves and give you a glimpse into what the Lease Administration team does here at the Iberdrola Renewables corporate office. The leasing team currently manages approximately 3,700 land agreements for our wind, solar and biomass projects across the United States. Day after day, our dedicated team of professionals works tirelessly behind the scenes to ensure that land payments are processed accurately and on time, that our land information is up to date, and that our landowners' needs are being met.

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Have some ideas on how we can make things better? Please share them with us at [leasing@iberdrolaren.com](mailto:leasing@iberdrolaren.com)

## 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!

Contact *Landowner News* via email: [dlitchfield@iberdrolaren.com](mailto:dlitchfield@iberdrolaren.com) or regular mail: *Landowner News*  
Attn: Carrie A. Tracy  
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For questions about your land agreement or payments, contact us toll free at 866-441-4557 or via email at [leasing@iberdrolaren.com](mailto:leasing@iberdrolaren.com).

### (Leasing Team...continued)

Landowners are at the core of Iberdrola Renewables' business, and the leasing team works hard to preserve the long-term relationships that have been established over the years. We are well-versed and experienced in handling various types of land-related matters, including land payment management property transfers and ownership interests, landowner records management, and land agreement compliance.

The leasing team remains the primary point of contact for all landowners throughout the lifecycle of a wind farm, starting when a new agreement is signed, and continuing all the way through the operational phase of the plant. In fact, if you've called our office at any time over the past 10 years, chances are you've spoken with one of us in the photo! Thank you all for making our time here at Iberdrola Renewables fun and rewarding. We wish you all the best this holiday season, and we look forward to working with you in the years to come!



Meet the leasing team: (from left to right): Kerri Victor, Elizabeth Gonzalez, Nathan Nimick, Carrie Tracy, Amy Freeman



## Follow Iberdrola Renewables

Iberdrola Renewables is on Twitter, Facebook, Instagram and LinkedIn. Follow our Twitter account, @IberdrolaRen, the IberdrolaRen Facebook page or the Iberdrola Renewables LinkedIn company page to find news and information on wind power trends, activities, new facilities and more.

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