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US Offshore Comes Online

Following a decade of rapid growth in the European offshore wind market thanks in part to improving and more efficient technology, the coast is now clear for Avangrid Renewables to help shepherd the development of offshore wind in the United States. With a potential for more than 4,000 gigawatts of energy — that's more than four times the generating capacity of the country's electrical system — energy experts and analysts believe that the industry is well positioned for significant growth in the coming years and we couldn't agree more. After a successful bid for the first full-scale commercial offshore wind farm in Massachusetts with our partner, Copenhagen Infrastructure Partners, we're riding a wave of momentum with our sights on further offshore development.

The U.S. Department of Energy anticipates installed capacity of offshore wind to be around 22 gigawatts by the year 2030. That may sound like a drop in the bucket, but the momentum behind offshore wind is undeniable. Numerous states have signaled their interest to participate, with Massachusetts, Rhode Island, Connecticut, New York and New Jersey making the most waves. According to a recent report from Environment America, offshore wind near the Atlantic states could produce enough electricity each year to meet four times those states' electricity consumption, even after excluding areas not suitable for current technology and off-limits areas like shipping lanes. Almost every Atlantic state (12 out of 14) has wind potential off its shores that exceeds current state electricity consumption.

They say timing is everything and boy were they right. The timing couldn't have been better as the U.S. Offshore Wind Conference was recently held in Boston, just two weeks after Governor Charlie Baker and state utilities of the Commonwealth of Massachusetts awarded our joint venture, Vineyard Wind, with a huge win to negotiate a power purchase agreement for 800 megawatts of offshore wind, 15 miles off the coast of Martha's Vineyard. The project will help reduce the state's carbon footprint and deliver clean, cost-effective power to the region.

"Vineyard Wind's partners are eager to deliver an offshore wind project that will provide the Commonwealth with abundant clean energy resources for decades to come," said Laura Beane, president and CEO of Avangrid Renewables.

Earlier this year, at the WINDPOWER 2018 conference held in Chicago by the American Wind Energy Association (AWEA), Laura encouraged the attendees to look at this moment as the start of an industry that could create millions of dollars in economic development along with thousands of jobs.



Have a photo you'd like to share? We'd love to see them, and we'll publish the best in Landowner News!

To submit your photos, please email your images with a caption and contact information to renphotos@avangrid.com, or mail to: Avangrid Renewables, Attn: Land Management, 1125 NW Couch St., Ste. 700, Portland, OR 97209

Have you moved or sold your leased property?
Contact us today to update our records.
Leasing@Avangrid.com or (866) 441-4557.





Check out Laura's keynote video on our YouTube channel at https://bit.ly/2JVTxoP

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Plowing Snow at Buffalo

While our Buffalo Ridge Wind Farms are often home to some of the most beautiful photos sent in by our employees and landowners, winter can be rough in South Dakota with Mother Nature providing near-whiteout conditions at times. And even this spring, our operations building and Midwest warehouse got a surprising amount of snow. Just take a look at these photos! Maybe these images will cool you off a bit during the record heat that many of you are enduring. With our appreciation, a big shoutout goes to Dave Iverson and Randy Willmott, two of our landowners who moved heaven and earth to help dig us out of the mess so operations could return to normal.



A Champion Is Crowned in Minnesota

In a year when Minnesota hosted the Super Bowl and the NCAA men's ice hockey championship, a wind farm from southwest Minnesota emerged from a field of 64 renewable energy sites to earn the fourth Megawatt Madness championship. Elm Creek I, on the strength of nearly 8,000 votes in the finals alone, defeated the Gala Solar Farm in Oregon to bring home not only



their first championship, but also the fourth in a row for the Midwest, joining Flying Cloud (IA), Winnebago (IA) and Trimont (MN) as Megawatt Madness champions.

"This is a fun event for everyone here, and we get our families involved too," said Bill Swan, the Elm Creek plant manager. "There's a camaraderie in the wind farms here too, and we're sure to support each other as we move along in the tournament. That's how the Midwest keeps producing champions."

Bill also pointed to the relationships with the landowners (more than 50 at Elm Creek I), vendors like GE (who made the 66 turbines at Elm Creek I), and the support from social media communities (like the Tower Climbing Grease Monkeys Facebook group) as helpful to their championship run.

Citing his underdog status by virtue of being the only employee at his plant, Gala plant supervisor John Rubio said he felt like a "one-armed bandit against another Midwestern juggernaut" but was proud of his new solar farm for making such a deep run in the tournament despite being a new plant without a constituency of employees and landowners for voting support.

With nearly 78,000 votes cast, the popular contest featured a lot of new participants with strong showings. The El Cabo and Tule wind farms, newly commissioned 2017 projects along with Gala — made the final four, but once again, the Midwest region brought the trophy home. Thanks again to everyone who voted and voiced support on social media. Because of folks like you, this tournament has been a huge success for the last four years.



Five Questions With Tri-State Generation and Transmission Association

This spring, we cut the ribbon at one of our newest wind farms — and our fourth renewable facility in Colorado — the Twin Buttes II Wind Farm, in the southeastern corner of the state. Celebrating with us that day was our customer, Tri-State, who is buying the clean energy from the wind farm for the next 25 years. Here are five questions with the senior manager of communications and public affairs at Tri-State, Lee Boughey.

O: Describe Tri-State's role for our readers.

We are a not-for-profit wholesale supplier to 43 member cooperatives and public power districts, who collectively serve more than a million cooperative members and electric customers across a 200,000-square-mile footprint in Colorado, Nebraska, New Mexico and Wyoming. Wind energy is a growing and important part of our power portfolio, especially because we serve such wind-rich areas of the country. At the end of 2017, 30 percent of the electricity consumed in our system came from renewable energy.

Q: Why does wind energy make sense for your members and customers?

First of all, it's cost-effective and reliable, especially when we work with strong developers like Avangrid Renewables who can deliver large projects with dependable long-term performance. Additionally, these types of renewable investments create jobs and tax base in the farming and ranching communities of our members, so their service territories benefit tremendously that way too.





Q: Conversely, why does wind energy make sense for Tri-State?

It's increasingly important to have a diverse portfolio of energy supplies, and as costs for renewables have come down thanks to improving technology and economies of scale in the industry, we can pass on those competitive costs to our members.

Q: How does a contract like this one come about?

The Twin Buttes II Wind Farm, along with two new solar projects, won a competitive process that attracted more than 80 bids to supply us with renewable energy. Companies like Avangrid Renewables have the track record to deliver on our long-term needs and have built important partnerships in the communities — the same communities we serve, which is important.

Q: Why are those community partnerships so critical to your business?

The farms, ranches and small towns that our members serve are closely tied to the landscape and their power supply; in a lot of ways, that's the history of the rural West.

A wind farm brings together local landowners, local officials and our member cooperatives and delivers a long-term economic jolt to the area, benefiting all of them. As a result, our mission is aligned to that of developers like Avangrid Renewables who will be community partners for a long time.

If you'd like to be considered for an upcoming Five Questions series in Landowner News, send us an email at rensocial@ayangrid.com.

Breaking New Ground

Pictured left, the 75 megawatt Twin Buttes II Wind Farm is located in Lamar, Colorado, and consists of 36 Siemens Gamesa wind turbines near the existing Twin Buttes Wind Farm. The site will supply energy for the next 25 years to Tri-State Generation and Transmission Association. Inc.

Pictured right, the 10 megawatt Wy'East Solar Farm, located in Sherman County near Oregon's Columbia River Gorge, will generate clean energy to Oregon customers and is expected to be completed this fall.



Community Corner

At Avangrid Renewables, we believe in developing and maintaining strong relationships with landowners and local communities. To that end, we make donations of money, goods or company-sanctioned employee volunteer hours in support of the local communities where we operate and beyond. Here are a few recent engagements:



The Lempster Community School is a small K-8 school serving the town of Lempster in Sullivan County, New Hampshire, educating about 100 students per year.

Recently, a Community Sponsorship from the Lempster Wind Farm allowed the school's student leadership team to pair with nearby Unity School to participate in the Success Leadership Program at the Hulbert Outdoor Center in Vermont.

The combined student group of 30 from both schools participated in a variety of group outdoor/wilderness challenges to learn team building and leadership skills, increase student responsibility and reduce bullying. The program also engaged students in a variety of transformative indoor exercises to positively impact each student's individual personal development and confidence.

The Jack County (TX) Rural Fire Department recently received a generous donation from our Barton Chapel Wind Farm. These funds will aid in upgrading their communications infrastructure to comply with FCC regulations and will also improve their communication system functionality and interoperability with other first response agencies.

"We appreciate the continued support that we have received from Avangrid Renewables in the years since

the construction of your assets in Jack County. We are very thankful for this gift, given the fact that we are solely funded by donations.

These funds will contribute to the success of our mission to protect the lives and property of the citizens and businesses of Jack County and visitors to our community. On behalf of our volunteer fire department members, thank you."

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Let's Keep in Touch

We value your feedback and welcome any comments you may have to help improve our communications. Whether you talk to our staff in person or contact us by telephone or email, we evaluate all suggestions, compliments or complaints. We look forward to hearing from you.

Contact Landowner News via email at landmanagement@avangrid.com or regular mail at Landowner News, Attn: Land Management, 1125 NW Couch St., Ste. 700, Portland, OR 97209.

For questions about your land agreement or payments, contact us toll-free at (866) 441-4557 or via email at landmanagement@avangrid.com.



New Mexico Blows By Other States in 2017

Did you know four states — Iowa, Kansas, Oklahoma and South Dakota — now rely on wind energy to generate 30 percent or more of their electricity? But, after strong growth in 2017, New Mexico has emerged as the rising star for U.S. wind power by adding capacity at a faster rate than any other state last year. With more than 1,700 megawatts under construction or in advanced development, New Mexico wind capacity is on track to double in the near term. It was exciting for us to be part of that growth by completing our 142-turbine El Cabo Wind Farm.



Hear from El Cabo landowner Danny Prather, local economic development director Myra Pancrazio, and the construction company behind the build, owner Bob Sparling of Sparling Construction, in this new video from the American Wind Energy Association: youtu.be/0kTHGNeUGfl.

Looking for a previously released edition of Landowner News? See our archive at bit.ly/1M3UEuH.













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