

EVERPOWER WIND HOLDINGS, INC. BI-YEARLY NEWSLETTER VOLUME 4, ISSUE 1

A Letter From CEO Jim Spencer:

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Partnering with local universities

EverPower has always sought to be a part of the communities where it operates. Whether it is sponsoring a charity event or engaging the public in information sessions during the planning process, the company aims to be an active and positive neighbour. As part of this commitment, EverPower has built strong links with colleges and universities close to its headquarters, from speaking at student groups to partnering on research projects.

Mapping and making the most of the wind

Since 2013, the company has been working with Saint Francis University ('SFU') in Pennsylvania on research to monitor two wind sites – Kimberley Run and Terrapin Hills – in order to collect data and study the feasibility of wind.

At the Kimberly Run site, the project has focused on collecting high resolution low-level wind data from a highly portable Sonic Detection and Ranging ('SODAR') unit that scans from the surface to over 300m above ground level. The team at

SFU has assisted EverPower with the logistics and maintenance of the unit, and also in providing feedback on new locations to position it. At the Terrapin Hills site in Maryland, the teams have been working with wind monitoring equipment that has been leased from SFU.


The aim of both projects is to profile the winds at the sites in order to optimise the siting of wind turbine positions. EverPower and SFU have jointly produced wind resource maps based on the gathered data, and also collaborated on siting a second meteorological mast.

Understanding the effects of ice on wind turbines

EverPower's partnership with Pennsylvania State University ('PSU') started in 2014 and has been focused on researching the effects of icing on wind turbine blades.

The University's Adverse Environment Rotor Test Stand ('AERTS') laboratory has the most advanced topic knowledge and facility to re-create the real life

conditions experienced by wind turbines – so advanced that NASA tests out its ice



experiments there. EverPower made a donation to the laboratory to help enhance its research capabilities and has also provided several turbine blade coatings that can be tested for resistance to icing.

EverPower is keen to keep developing this work, so has teamed up with PSU and a leading coatings manufacturer to ask the US Department of Energy to provide additional funding. The funding will be used to carry out a multi-year research project to develop and test turbine coatings and also create a system that identifies when icing is starting to form.

EverPower's partnerships with academia are a win-win. They play a key part in helping the company to develop leading edge technology, while the universities benefit from their closer ties with industry. Over the years to come, EverPower is committed to strengthening its relationships with SFU and PSU, and to building new partnerships with other local colleges and universities.

In The Community:

Volunteering is a great way to give back to the community and on May 3rd, 2017, the EverPower team partnered with the Pittsburgh Parks Conservancy to do just that. EverPower believes giving back to our community is most important and we try and give back as much as possible. Together, we planted grass in Bartlett Meadow at Schenely Park while cleaning the park around us. The day brought a lot of sweat, smiles, and gratitude. We wouldn't have it any other way. Thanks for having us, Pittsburgh Parks Conservancy.



Mountain Maryland Renewable Energy Bike Ride Sept. 30th, 2017

Save the date for the most beautiful bicycle ride of the year! Experience the Great Allegheny Passage and the beautiful mountains of Allegheny and Garrett Counties! Don't miss the after-party: music, food and beer! Registration begins June 1st, 2017.

Enjoy either a 14 or 35 mile bike ride that will take you passed a few of the local renewable energy projects. Long known for coal, oil and natural gas production, our area now has additional sources of opportunity, jobs, and tax revenue for the region.

Allegheny & Garrett Counties have invested heavily in growing a network of bike trails and are moving toward a more sustainable energy portfolio by growing investments in environmentally friendly outdoor activities, like bike riding.

The Pennsylvania Maple Festival

The Pennsylvania Maple Festival is an annual event held in Meyersdale, PA to celebrate the arrival of spring, the tapping of maple syrup from local area maple trees and the heritage of the beautiful Laurel Highlands area. Events from breakfast at the Meyersdale Lions Pancake Shack to the Horse Pulling Contest, made this a yearly tradition for the last 70 years. This festival has provided people with the opportunity to experience our culture, industry and commerce as it has evolved over the past 170 years. The EverPower family joins in the yearly festivities and gets to enjoy some of our landowners while they partake in the horse pulling competition.



Selling of New Creek Wind Farm

Located in Grant County, WV, the New Creek Wind Farm Project was sold to Enbridge Inc. in November of 2015. The 102 MW, 49 turbine wind farm is officially up and running, covering nearly 5,000 acres of land. The New Creek Wind Farm will produce approximately 258,000 tons of offset CO2 each year and is set to meet the needs of 23,000 homes. The project completed a bird and bat conservation strategy to avoid and minimize the impact of avian and bat species during the project's operation and will continue monitoring through the first year of operation. Backed by renewable energy credit (REC), New Creek Wind Farm will take agreements with fixed pricing through mid-and-long-term contracts. Enbridge Inc. Senior Vice President, Corporate Planning and Chief Development Officer, Vern Yu said, "We welcome the relationship with EverPower, a safe and community-focused developer, owner and operator of U.S. wind projects."



The Importance of a PPA

Power purchase agreements or "PPAs" are contracts between buyers and sellers of renewable energy. In a PPA, the "seller" builds or installs the technology (wind farm) and the "buyer" buys the power on a per kWh basis. These agreements are a critical part of planning a successful wind project and in securing a long-term stream of revenue for the project through the sale of the electricity generated by the project. One of the most challenging elements of wind project development can be securing a good PPA. EverPower has signed a PPA with Amazon Web Services on Oct.31, 2016, which will construct and operate a 189 MW Wind Farm in Hardin County called Amazon Wind Farm US Central 2. The project's construction will be completed by the end of 2017 and be the first operational project for EverPower in Ohio. The economic impact will be significant, with EverPower making contributions to local schools and municipalities of approximately \$1.7 million per year. Not only will there be an economic impact, the project exemplifies environmental sustainability by reducing emissions and increasing renewable energy through the region and throughout the state of Ohio.

