

Maine Wind & Ocean News Wrap up for May-June '14

Vestas to deliver 148 MW-worth of wind turbines to U.S

Vestas has received an order for 48 of their V112-3.0 MW turbines for the 148-MW Oakfield project in the state of Maine. Delivery of the turbines is expected to begin in the second quarter of 2015, with commissioning expected by the fourth quarter of 2015.

In addition to the turbines, Vestas will also provide the project with a 10-year Active Output Management 5000 service agreement, which is an energy-based availability guarantee that ensures the turbines are operational when the wind is blowing.

Read the Full Story

<http://ecoseed.org/renewables/wind/onshore-wind/17552-vestas-to-deliver-148-mw-worth-of-wind-turbines-to-U-S>^[1]

Wind turbine project approved by Maine regulators

The Maine Department of Environmental Protection has given the green light to an eight-turbine wind project on Canton Mountain.

The 22.8-megawatt project approved this week will feature a 3,500-square-foot operations building and eight turbines, each extending 480 feet high.

Read the Full Story

<http://www.washingtontimes.com/news/2014/may/15/wind-turbine-project-approved-by-maine-regulators/>^[2]

Maine company to test underwater turbine in Alaska

A company that hopes to build underwater river turbines as a clean power alternative to diesel in Alaska villages has unveiled a prototype due to be tested in July.

Ocean Renewable Power Co., based in Portland, Maine, showed off its RivGen Power System on Wednesday in Anchorage. The device built with backing from the Alaska Energy Authority and the Denali Commission will be installed in July on the bottom of the Kvichak River to generate power for Igiugig, a community of 50 about 250 miles southwest of Anchorage.

The device is a scaled-down version of turbines the company has built for harnessing tidal power.

Read the Full Story

http://www.pressherald.com/business/Maine_company_to_test_underwater_turbine_in_Alaska.html^[3]

Towerless turbine: Airborne system powers rural locales

Wind energy start-up Altaeros Energies' (Boston, Mass.) Buoyant Airborne Turbine (BAT) proof-of-concept prototype reportedly can harvest the more consistent winds at higher altitudes because its elevation is not limited by the need for a tower.

A prototype with carbon fiber composite blades made by the University of Maine's Advanced Structures and Composites Center (Orono, Maine) was successfully tested a proof-of-concept BAT in 45-mph/72-kmh winds and at a height of 500 ft/152.4m in Maine

?BAT is a low-cost power solution ? that can power more than a dozen homes,? and is currently working on rotor and nacelle designs for commercial-scale BAT deployments.

Read the Full Story

<http://www.compositesworld.com/articles/towerless-turbine-airborne-system-powers-rural-locales>^[4]

First Wind grants 17 scholarships

First Wind, an independent U.S.-based renewable energy company, today announced that 17 students from high schools across the country will be awarded scholarships through the company's signature First Wind Scholars program. The 2014 recipients were selected from a large pool of applicants and represented project host communities in Hawaii, Maine, Massachusetts, New York, Utah, Vermont, and Washington. First Wind is marking the fifth year of its successful community program and will commit a total of \$68,000 in scholarship dollars this year alone.

Read the Full Story

<http://www.onlinetes.com/first-wind-scholarships-52414.aspx#.U49bTSjyQ9I>^[5]

Berlin city leaders support wind-turbine project on Jericho Mountain

The City That Trees Built is welcoming wind power, and specifically plans to place as many as six electricity-generating turbines atop Jericho Mountain.

Gordon L. Deane, president of Cohasset, Mass.-based Palmer Capital Corporation and Palmer Management Corporation, which own Jericho Power LLC, said the turbines are expected to begin producing power in the third quarter of 2015.

Read the Full Story

<http://www.unionleader.com/article/20140522/NEWS05/140529712/1007/news05>^[6]

First Wind tries again to gain Maine regulators' approval for wind farm partnership with Emera

Boston-based First Wind is pushing Maine utilities regulators to approve for a second time its multimillion-dollar partnership with Nova Scotia-based power company Emera, in a case that was sent back to the Maine Public Utilities Commission by a court order.

Read the Full Story

<http://bangordailynews.com/2014/05/19/energy/first-wind-tries-again-to-gain-maine-regulators-approval-for-wind-farm-partnership-with-emera/>^[7]

Updates on Maine Ocean Energy Technology development at the Energy Ocean Conference

Maine Ocean & Wind Industry Initiative provided ocean energy technology updates that the Energy Ocean International Conference this week in Atlantic City, NJ. The presentation focused on recent successes in VoltturnUS scale offshore wind model; advancements for ORPC in tidal energy in Maine and testing leading to river device deployment in Alaska; and institutes that are building capacity to support R&D for ocean energy in Maine.

The presentation can be viewed here.

<https://www.dropbox.com/s/dzgonwd08yips1f/Maine%20Technology%20Updates.pdf>^[8]

More on Energy Ocean International here.

<http://www.energyocean.com/>^[9]

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