

MANUFACTURING

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GAMESA AGREES TO SUPPLY 30 MW TO MICHIGAN WIND FARM

Gamesa has recently signed a contract with Heritage Sustainable Energy to supply 30 MW as part of the second phase of the Big Turtle complex located in northeast Michigan. The agreement also encompasses the provision of operations and maintenance services for 12 years.

Under the terms of the agreement reached with Heritage Sustainable Energy, Gamesa will handle the transportation, installation, and commissioning of 14 of its G114-2.1-MW turbines. Delivery of the turbines is set to begin in August 2016 with the facility slated for commissioning in October.

The supply of these turbines will mark the completion of the Big Turtle 50-MW wind farm for which Gamesa already installed 10 G114-2.0-MW turbines in 2014. Big Turtle was the vehicle through which this new turbine model was introduced into the United States market, where it has since become a benchmark due to its ability to harness more energy at a lower cost at low and medium wind speed sites. In fact, the company has since signed orders for the supply of over 600 MW of this model between both the 2.0-MW and 2.1-MW versions in the U.S. alone. The global order book for this product stands at over 2,000 MW.

Gamesa has a strong presence in the U.S. where it has installed more than 4,100 MW at various wind complexes to date. ↴

— Source: Gamesa

For more information, go to www.gamesacorpr.com.



G114-2.0 MW prototype

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NORDEX TO DELIVER FIRST N100/3300 DELTA TURBINES TO IRELAND

Nordex recently obtained a new order for the construction of a 35-MW wind farm in Ireland. The company will be installing a total of 12 turbines to the Glencarbry wind farm for its customer John Laing Investments. The site is located close to the village of Hollyford in County Tipperary. Nordex will install seven N100/3300 and five N90/2500 wind turbines in Glencarbry.

With an average wind speed of 8 m/s, it is predicted that the turbines will produce 118 GW of electricity a year. Turbine deliveries are due to commence in October 2016. Following installation, Nordex will service the turbines for a period of 15 years having signed a premium service contract with John Laing.



got blades?
bad

Fiberglass Recycling Alternative, LLC

The advertisement features a background image of a wind farm. Overlaid on this are several images of turbine blades: one showing a blade being cut, another showing a close-up of a blade's internal structure, and a third showing a blade being hauled away. The text 'got blades? bad' is written in a large, white, stylized font. Below this, the company name 'Fiberglass Recycling Alternative, LLC' is written in white on a green background.

We cut and haul your bad blades!

Do you have a bad blade? We can cut it up on site, below the tower, saving you time and money.

Fiberglass Recycling Alternatives specializes in the recycling and repurposing of wind turbine blades, tower sections, nacelles, frames and hubs. We pride ourselves in our reputation for cleaning up the worksite after the job is complete.



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Together with Glencarbry and other projects currently under construction, Nordex will be increasing its installed capacity in Ireland to more than 700 MW. With its substantial potential for wind energy, the Emerald Isle is an important market

for the manufacturer, which is one of the leading suppliers of wind turbine generators there.

“Glencarbry is an important investment for John Laing Group, and we’re pleased that for the first time the turbines for one of our projects

are being supplied and maintained by Nordex,” said Ross McArthur, managing director of renewable energy for John Laing. “We’re looking forward to seeing the project fully operational in early 2017 and to the prospect of working together and delivering further projects with Nordex in the future.”

Nord/LB arranged the finance for this project.

“We are very pleased to have been able to support our client, the John Laing Group, with structuring the non-recourse debt package for the Glencarbry project as well as providing the financing for a project using Nordex turbine technology in the Irish market,” said Heiko Ludwig, managing director of Energy Europe for Nord/LB. ↙

— Source: Nordex

For more information, go to www.nordex-online.com.

VEST-FIBER EXPANDS EMPLOYMENT IN MISSOURI

Denmark-based Vest-Fiber recently announced an expansion of its employment in the United States due to the strength of its wind turbine industry. Headquartered in Tarm, Denmark, as a global provider of fiberglass components to manufacturers of wind turbines, the company is expanding its Moberly, Missouri, facility. The expansion will result in the creation of 30 new full-time positions in the coming months.

“An increase in the company’s customer demands has resulted in the need for additional quality craftsmen,” said Corey Mehaffy, president of Moberly Area Economic Development. “Fortunately, our region of Missouri has an established track record of a workforce capability of supporting the growth of strong companies.”

Founded in 2000, Vest-Fiber is a traditional supplier of small fiberglass products and services to the wind turbine industry. Two years later, at the request of its clients, Vest-Fiber made an additional investment to begin fiberglass-cutting operations to supply material in prepackaged kits ready for the assembly process. The new process lent itself to creating efficiencies in the client’s workflow in their manufacturing operations, creating a value the client could not afford to replicate.

The increase in the proliferation of wind energy led the management team at Vest-Fiber to look at the industry on a global basis. It was in 2010 that their first operations outside of Denmark were established.

After a search that encompassed several midwestern states, the company planted roots in

Moberly because it allows for easy access to existing clients in the wind corridor in the middle of the U.S. Available production facilities helped to reduce the start-up time of the new Vest-Fiber North American operations.

The Moberly location also provided an advantage to service new clients located on both the Eastern and Western seaboard of North America from one centrally located facility.

“Being located in the center of North America gives companies access to markets in the U.S., Canada, and Mexico,” said David Gaines, vice president of Moberly Area Economic Development. “There is a real value in logistics that companies through multiple industries can benefit from by being situated in the middle.”

When Vest-Fiber first opened the Moberly facility, the need was for approximately 30,000 square feet for pro-

duction space. In the last five years, Vest-Fiber's growth has demanded the need for 82,000 square feet of production space to keep pace with customer demand.

"This is the fourth company in the central and north-east Missouri region that has announced an expansion of employment," Mehaffy said. "This is a strong indicator that local, national, and international companies can successfully conduct business on a global basis from Missouri." ↵

— Source: Moberly Area Economic Development Corp.
For more information, go to www.moberly-edc.com.



VESTAS INAUGURATES HUB AND NACELLE FACTORY IN BRAZIL

As part of its local production strategy, Vestas has inaugurated its hub and nacelle factory in Aquiraz, Brazil, at a ceremony attended by the governor of Ceará, Camilo Santana, and key stakeholders from the Brazilian wind energy sector.

The new factory is part of Vestas' plans to meet the increasing production demands in Brazil and Latin America, including the 376 MW of announced orders for projects in Brazil that Vestas received in 2015. In accordance with recent Brazilian Development Bank (BNDES) approval, Vestas expects to localize 70 percent of hub and nacelle manufacturing for the Brazilian market.

"With some of the best wind resources in the world, Brazil has a huge potential for wind power and remains one of Vestas' key strategic markets," said Rogério Zampronha, general manager for Vestas Brazil, while speaking at the inauguration. "Our investment in this factory is a key part of providing our customers a strong business case here and underlines Vestas' competitiveness in Brazil."

The factory will produce hubs and nacelles for the V110-2.0-MW turbine model that was recently honored as the Wind Turbine of 2015 under the category of onshore wind turbines up to 2.9 MW.

In addition to the factory, Vestas

has agreements with Aeris to produce blades and with ABB to produce generators locally, and it currently maintains 13 wind farms in Brazil, including the Xangri-lá (RS) wind farm that produces electricity for the Honda car manufacturing facility located in Sumaré, São Paulo.

Vestas has been present in the Brazilian market since 2000 and has since then installed 364 wind turbines that represent a total installed capacity of 713 MW. ↵

— Source: Vestas
For more information, go to www.vestas.com.



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