

director of Seacat Services. “Our investment in BareFLEET will not only enable us to protect our most important assets — our masters, crews, and the vessels they operate — but also ensure that our customers get maximum value from the boats they have under charter. As these digital systems become increasingly integrated, there is huge potential for cross-collaboration throughout the supply chain that ultimately helps us to change the way offshore wind farms are developed, built, and serviced.”

MORE INFO www.seacatservices.co.uk

MANUFACTURING

Cherbourg blade factory reaches 2018 hiring target

Cherbourg blade factory recently completed its 2018 recruitment plan at its offshore wind turbine blade manufacturing site in Cherbourg, France.

The site counts more than 100 employees, 34 percent of whom are women.

The first group of 30 newly hired employees, from all functions, participated in the launch of the factory’s Cen-

ter of Excellence training center September 30. These new employees joined a one-week theoretical class, followed by a week of practicing on an actual piece of a wind turbine blade mold.

After completing the Center of Excellence course, each trainee left Cherbourg to spend a month abroad at other LM Wind Power sites — from Spain, to Denmark, Poland, and even Canada depending on the job scope. Employees from sites around the globe will also travel to Cherbourg to support the ramp-up of the factory. The second group started their training program on October 22.

“The Cherbourg site is a great location to support the development of the offshore wind industry in Europe and beyond, with a positive impact on the jobs and the ecosystem in the surrounding region,” said Alexis Crama, LM Wind Power Offshore Wind vice president. “We are investing in building a strong and sustainable value chain and are happy to welcome the first hundred recruits.”

The construction of the factory is on track to start the prototyping phase in January 2019. The first blade produced will be shipped to ORE Catalyst Research & Development Center in Blyth, U.K., for indoor testing. The next three blades produced will be installed

on GE’s Haliade-X 12-MW prototype at the end of the second quarter of 2019 at a yet to-be-determined site.

“This project entails new challenges and creates enthusiasm as we are starting up a new factory, installing new equipment inside, and welcoming new people with diverse backgrounds,” said Lukasz Cejrowski, LM 107.0 P project director. “At the same time, we are developing a new product: a new blade of a size we have never achieved before. We can witness a significant combination of efforts as we use the expertise from our facilities worldwide to train the people in Cherbourg. This enthusiasm from all our teams will bring us to the successful ramp-up of the factory.”

In parallel to the development of the LM 107.0 P blades in Cherbourg, GE’s Offshore Wind teams is focused on the assembly of the first two Haliade-X nacelles at the Saint-Nazaire manufacturing site in France.

MORE INFO www.lmwindpower.com

MANUFACTURING

Vestas receives largest order to date in India

Leveraging Vestas’ experience from more than 4 GW of turnkey projects across the globe, Vestas has received an order for a 252-MW Engineering, Procurement and Construction (EPC) project in India. The order is Vestas’ largest order to date in India and placed by Vivid Solaire Energy Pvt. Ltd., a subsidiary of Engie, and was awarded as part of the national level wind auctions organized by SECI.

The project will be in Thattaparai in the Tuticorin district in the Tamil Nadu state and includes delivery, installation, and commissioning of 126 V120-2.0 MW turbines, as well as the project’s civil and electrical work. The turbines will be serviced by Vestas under a 10-year full scope Active Output Management 5000 (AOM 5000) service agreement as well as a Vestas Online®



The first group of 30 newly hired employees, from all functions, participated in the launch of the factory’s Center of Excellence training center September 30. (Courtesy: LM Windpower)

Business SCADA solution.

“This project is particularly significant for us because it brings Engie’s renewable energy generation capacities in India to 1 GW, a major milestone that proves our commitment, both to India and to the development of low-carbon energy sources,” said Malcolm Wrigley, country manager of Engie India. “We have a long history of working with Vestas in multiple geographies and remain confident that Vestas will be a strong, reliable, and value-additive partner in our journey toward achieving our renewables ambitions in India.”

“With this EPC project in India, we underline the broad range of capabilities Vestas can offer to our customers in the Indian market,” said Clive Turton, president of Vestas Asia Pacific. “Our extensive EPC project management experience and ability to develop site-specific solutions to compete in auctions have been key factors in securing this order.”

Turbine delivery is expected to commence in the second quarter of 2019, while commissioning is expected in the third and fourth quarter of 2019.

The production from the wind park will offset around 724,000 tons of CO₂ per year, corresponding to the average residential electricity consumption of 5.88 million urban electricity consumers in India.

MORE INFO www.vestas.com

MANUFACTURING

Siemens Gamesa to supply its new wind turbine in Mexico

Siemens Gamesa Renewable Energy made a big step forward in strengthening its product portfolio by signing the first contract featuring SG 4.5-145 wind turbines with Enel Green Power, the global renewable energy business line of Enel Group.

The scope of the contract includes the supply of 24 units of the new SG 4.5-145 wind turbines with a flexible



The SG 4.5-145 offers a flexible power rating from 4.2 MW to 4.8 MW depending on site conditions and has a rotor diameter of 145 meters. (Courtesy: Siemens Gamesa)

power rating of 4.2 MW for Parque Amistad III and 36 units for Parque Amistad IV, located in Acuña City, in Coahuila, Mexico, for a combined total capacity of about 249 MW.

These projects represent the first order worldwide for the new generation of onshore wind turbines greater than 4 MW with best-in-class LCOE, and a tower height of 107.5 meters. The SG 4.5-145 offers a flexible power rating from 4.2 MW to 4.8 MW depending on site conditions and has a rotor diameter of 145 meters. It is optimized for medium wind onshore locations to maximize energy production with low noise emission levels.

Both Parque Amistad III (100 MW) and Parque Amistad IV (149 MW) were awarded to Enel Green Power during the Mexican Auction in 2017.

The scope for both projects includes a five-year service and maintenance contract after commissioning of the turbines, which will be manufactured in Spain and China (nacelles) and Mexico (blades and towers).

Across Mexico, Siemens Gamesa has provided more than 2.3 GW of output capacity for more than 25 project sites.

The company has a strong footprint in Mexico consisting of third-party manufacturing, service and offices.

MORE INFO www.siemensgamesa.com

MANUFACTURING

Siemens Gamesa signs second order for 201 MW in Russia

Siemens Gamesa Renewable Energy (SGRE) has secured a second order in Russia from Enel Russia, one of the country’s independent power producers (IPP), for the supply of 201 MW of wind turbines. The scope of the agreement includes supply, installation, and commissioning of 57 Siemens Gamesa 3.X platform turbines at the Kola wind farm, in the Murmansk region, Russia. The Kola wind farm is due to be commissioned in 2021. The contract includes full scope O&M (operation & maintenance) services during the first two years with an option to extend.

This order is part of the preliminary agreement signed with Enel in 2017 for the supply of 291 MW to two wind farms in Russia. The first order, the Azovskaya project with 90 MW capacity, was announced by Siemens Gamesa in early October 2018.

With the delivery of its proven wind turbines, Siemens Gamesa will contribute to Russia’s targets to develop local renewable energy resources reaching 3.3 GW of wind installed capacity by 2024 and to ramp up a local wind energy industry.

“We are proud to announce this second big contract in Russia and to continue the successful cooperation with Enel,” said Steven Pryor, CEO Onshore North Europe & Middle East region at Siemens Gamesa Renewable Energy. “Siemens Gamesa is well under way to establishing a strong position in the growing Russian renewables market. We have introduced modern technology and we have taken important steps to ensure local content requirements.”

MORE INFO www.siemensgamesa.com