

Limited, known as Moray East, is a 950 MW offshore wind project 22 kilometers from the coast of Scotland, which in 2017 won a Contract for Difference (CfD) from the U.K. Government to supply electricity at 57.50 pounds/MWhr, representing a significant cost reduction compared with similar projects under construction today (typically 140 pounds/MWhr).

In May, Moray East announced Fraserburgh as the preferred operations and maintenance port for the project.

Moray East project director Oscar Diaz said, “This agreement comes after the selection of MHI Vestas as preferred turbine supplier, and Fraserburgh as preferred port from which operation and maintenance of the turbines will be undertaken. I am grateful for the cooperation with our partners in industry and beyond, which will enable the project to reach another important milestone.”

MHI Vestas CEO Philippe Kavafyan said, “With this conditional agreement, we are exceptionally pleased to see Moray East move one step closer to Final Investment Decision. The supply of 100 units of our V164-9.5 MW turbines, the most powerful commercially available turbine in the world, is confirming MHI Vestas Offshore Wind’s strong U.K. pipeline. This translates into clean energy jobs locally and across the U.K. through our production of blades on the Isle of Wight and the local offshore wind supply chain. We look forward to working together with the Moray East project to maximize its potential for the local area.”

MORE INFO www.mhivestasoffshore.com

► MAINTENANCE

Vestas upgrades IKEA Group’s global fleet of Vestas turbines

Leveraging Vestas’ performance-improving PowerPlus® products, Vestas will upgrade long-time customer IKEA Group’s global portfolio of Vestas tur-



Moray Offshore Windfarm (East) Limited, known as Moray East, is a 950 MW offshore wind project 22 kilometers from the coast of Scotland. (Courtesy: MHI Vestas)

bines, equaling 316 MW, to maximize the value of their wind energy assets. The upgrades span across six different Vestas turbine types and are expected to generate on average 1.5 percent in additional energy production, estimated at a total of 13.5 GWh a year.

With the PowerPlus® program, Vestas can increase a wind-power plant’s energy production and efficiency through site-specific optimization of operational parameters, implementation of intelligent software algorithms, or enhanced aerodynamic performance.

IKEA Group has ambitious sustainability targets in place, including an ambition to produce as much renewable energy as they consume by 2020.

“It is great that we can extend the cooperation with Vestas and optimize the performance of the wind farms. We value long-term relationships with our partners as we want to work together to improve and develop quality of operation and maintenance services,” said Krister Mattsson, responsible for financial asset management, IKEA Group.

“We are thrilled to upgrade IKEA Group’s existing energy assets and support them in reaching their target of powering their production and consumption with renewable energy. We continue to innovate and develop

solutions that can increase energy production, which also means that already operating turbines can be upgraded to yield even more energy. In this case, we have improved the existing business case through a global deal, where we upgrade six different turbine types, once again emphasizing the flexibility of our offerings,” said Mariel Alexandra Garrido Urena, head of fleet optimization

IKEA Group’s global portfolio of Vestas turbines in the U.S., Sweden, France, and Poland will be upgraded, and this includes V80-2.0 MW, V90-2.0 MW, V90-3.0 MW, V100-2.0 MW, V112-3.0 MW and V112-3.3 MW turbines.

MORE INFO www.vestas.com

► MAINTENANCE

Controlled Bolting OEM adds portable machining range

Cramlington-headquartered OEM HTL Group continues to expand its portfolio of customer-focused solutions with the addition of Climax and H&S Tooling’s portable machining range.

The addition will see both ID and

OD Mount Flange facing machines, line boring machines, and pipe cutting and beveling machines added to its complete package of solutions, making them instantly available for hire or sale.

Developing portable machining technology since 1966, Climax has designed its portable machine equipment with operator safety at the forefront, allowing operators to tackle any on-site machining project or application.

Delivering the highest levels of efficiency, the portable machining equipment available from HTL is ideally suited to technicians with the most project critical, tightest tolerance machining tasks.

Paul Storey, group managing director, HTL Group, said, "HTL is wholly focused on bringing the most efficient, high quality, safe solutions to market to support our client's requirements to deal with the challenges they encounter in industry. The addition of the Climax and H&S tooling's portable



Climax portable machining (Courtesy: htlgroup.com)

table machining range allows us to grow our portfolio even further to support our clients.

"As an OEM, we pride ourselves on

delivering products and services which lead in technological capabilities whilst also remaining cost effective," he said. "The HTL OEM range of controlled bolt-

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ing equipment is engineered for safety; similarly, the Climax and H&S tooling range sets the standard for keeping operators both safe and productive making this partnership a perfect fit for HTL and our client base.”

Paul Burden, director of sales and marketing, H&S Tool Holdings, said, “We greatly appreciate our partnership with the HTL Team. HTL is a world-class organization focused on putting customers at the forefront of everything they do. Customers choose HTL because they have the most extensive range of products and services for operators in the controlled bolting and flange working industries, and they back it up with unrivalled service.

“The Climax team is proud to partner with HTL, ensuring HTL and Climax customers have access to the world’s best portable machining, welding, and valve testing products.”

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► CONSTRUCTION

Vestas enters new market with order for Senegal project

Vestas is providing a customized solution for the 159 MW Parc Eolien Taiba N’Diaye, Senegal’s first large utility-scale wind energy project and the largest wind project in West Africa. The wind farm will expand the country’s generation capacity by 15 percent, support the development of affordable renewable energy, and diversify Senegal’s energy mix as well as provide positive social and economic impact for the nearby communities.

The engineering, procurement, and construction (EPC) contract was signed with Parc Eolien Taiba N’Diaye, a company majority-owned by Lekele, an experienced renewable energy company that has developed 1.3 GW of wind and solar projects across Africa, and partly-owned by French developer Sarreole, which has been part of the project from its beginning.

The order includes the supply, transport, installation, and commissioning of 46 V126-3.45 MW turbines, as well as an Active Output Management 5000 (AOM 5000) service agreement for the operation and maintenance of the wind park over the next 20 years.

Today, Senegal’s energy matrix mainly depends on costly imported fossil fuels. By banking on renewables, Senegal will be able to generate clean, reliable, and competitively-priced energy to fulfill the rapidly expanding local grid.

“This is a very special order for us, since together with Lekela we are delivering a project that will represent 20 percent of the country’s energy mix and have a positive impact on Senegalese communities, providing opportunities for local employment while responding to the country’s energy challenges. Working in close collaboration with all the partners has been a success factor for this great

achievement. Vestas has installed wind turbines in around 80 markets, including more than 1 GW in Africa, providing clean energy and fostering local jobs and training. With this project, we will contribute to Senegal in the same way through sharing our extensive knowledge and deep experience of supporting wind energy projects in emerging markets”, said Nicolas Wolff, Vestas’ VP Sales Region Western Mediterranean.

“This is a major milestone for Senegal, and for Lekela. As the first utility-scale wind power project in the country, Taiba N’Diaye forms a critical component of Senegal’s clean energy strategy. The project will create an impact that lasts for generations. We have many people to thank in reaching this point, not least the communities, stakeholders, and partners like Vestas who we’ve worked closely with in recent months,” said Chris Ford, chief operating officer at Lekela.

Vestas has a proven track record on working with customers and other stakeholders to improve project bankability to meet international standards, and ensuring the projects’ technical, commercial, and social aspects are addressed. Vestas and Lekela have partnered to build and maintain positive relationships with the communities impacted by the project through ongoing engagement, creating local job opportunities, and supporting the customer’s community investment initiatives during construction.

Vestas’ financing partner EKF Denmark’s Export Credit has backed the project with a 140-million-euro export loan, securing the project’s financial stability and maximizing the customer’s return on investment.

The project is in an advanced stage of development, ready for construction. Turbine delivery, as well as commissioning, are planned to be accomplished in three phases: deliveries between the second and the third quarters of 2019, and commissioning between the third quarter of 2019 and the first quarter of 2020.

MORE INFO www.vestas.com