

DIRECTION

THE FUTURE OF WIND



BOEM finalizes Maine offshore wind environmental assessment review

In support of the Biden-Harris administration's goals for deploying 30 GW of offshore wind energy capacity by 2030 and 15 GW of floating offshore wind energy capacity by 2035, the Bureau of Ocean Energy Management recently announced the availability of its final environmental assessment of the Wind Energy Area in the U.S. Gulf of Maine.

The final EA evaluated the potential issuance of commercial wind-energy leases off the coasts of Maine, New Hampshire, and Massachusetts. It considered the potential environmental impacts associated with activities such as conducting surveys and installing meteorological buoys, but not the installation of offshore turbines, which would be assessed in a separate environmental review if a leaseholder submits a project proposal. BOEM found that leasing and site assessment and characterization activities will not have a significant impact on the environment.

"BOEM is actively assessing proposed offshore wind activities in the Gulf of Maine by collaborating with Tribes, state and federal agencies, ocean users, local communities, and other stakeholders," said BOEM Director Elizabeth Klein. "We are committed to ensuring that future offshore wind development proceeds in a manner that reduces potential impacts on other ocean activities and the surrounding ecosystem."

MORE INFO www.boem.gov/renewable-energy

Pattern Energy names Rhodes as new CFO

Pattern Energy Group LP, a leader in renewable energy and transmission infrastructure, recently appointed Matt Rhodes as Chief Financial Officer, reporting to the CEO, Hunter Armistead.

"We welcome Matt to Pattern's executive leadership team, where he will

play a pivotal role in achieving our financial goals," Armistead said. "Matt will enhance the company's relationships with key financial institutions, and his strong track record of enterprise scaling and financial discipline will be instrumental in realizing Pattern's vision to Power the Future."

"I am excited to join the talented team at Pattern as they transform the energy markets and lead the industry across North America," Rhodes said. "Building on more than 15 years of success, the company is well-positioned to achieve its financial goals, and I look forward to helping achieve its mission to transition the world to renewable energy."



New Pattern Energy CFO Matt Rhodes. (Courtesy: Pattern Energy)

and market-based businesses, most recently as executive vice president, strategy and corporate development at Essential Utilities, Inc.

Previously, Rhodes served as managing director in Goldman Sachs' natural resources investment banking group leading coverage for more than 25 electric and gas utility companies. Rhodes has also held positions with Bank of America and Duke Capital Partners.

Pattern Energy is a privately-owned developer and operator of wind, solar, transmission, and energy-storage projects. Its operational portfolio includes more than 30 renewable energy facilities with an operating capacity of nearly 6,000 MW across North America.

MORE INFO www.patternenergy.com

Bureau Veritas acquires ArcVera Renewables

Bureau Veritas, a leader in testing, inspection, and certification services, recently announced the acquisition of ArcVera Renewables, a provider in finance-grade consulting and technical services for wind, solar, and battery storage projects worldwide. This acquisition is aligned with Bureau Veritas' LEAP | 28 strategy to create a new stronghold in the renewables sector.

Bureau Veritas contributes to the energy transition by providing the power sector customers solutions to meet the challenges of developing and operating renewable assets. This acquisition will expand Bureau Veritas's capabilities, primarily in North America, to support landowners, developers and owners, and investors in delivering their wind and solar farm projects.

ArcVera Renewables provides customers with technical site and resources assessments, and consultancy during the development and operations stages of utility-scale renewables projects. The company's engineers, technical, and subject matter experts support clients with risk reduction and ensure optimal asset performance. Since its inception, ArcVera Renewables has supported 9 GW of solar projects in North and South America and has evaluated projects now representing 93,000 MW of wind capacity in the U.S.

"ArcVera Renewables has built a reputation for excellence in due diligence and operational verification on renewable projects," said Hinda Gharbi, Chief Executive Officer of Bureau Veritas. "Their expertise will be a valuable addition to Bureau Veritas's portfolio of capabilities for the energy transition services. I warmly welcome all new colleagues from ArcVera Renewables to Bureau Veritas."

"We saw how the broad and deep technical prowess of Bureau Veritas



Riad Habib and Mike Davis (SVPs of Bureau Veritas), John Bosche (president, ArcVera Renewables), Greg Poulos (CEO, ArcVera Renewables), Sunil Gotmare (technical center sr. director, Bureau Veritas), Renato Catrib (SVP Growth Strategy & Sales, Bureau Veritas). (Courtesy: Bureau Veritas)

would be a powerful catalyst for ArcVera Renewables,” said Greg Poulos, CEO of ArcVera Renewables. “Since inception, our goal has been to accelerate the clean transformation of the world’s energy sector by delivering trustworthy, valuable, detailed, and independent technical analysis for the success of our clients. Joining Bureau Veritas is a leap forward in achieving this goal and is likewise transformational for the ArcVera team and its growing global renewable energy client-base.”

MORE INFO group.bureauveritas.com

Vaisala acquires Speedwell Climate to address weather risks

Vaisala has acquired Speedwell Climate Ltd, a leader in climate and environmental risk transfer. The acquisition enables Vaisala to enter the insurance segment with tools for organizations to protect themselves from financial losses caused by weather-related uncertainties.

Speedwell Climate provides data and software to structure, price, and settle index-based climate risk trans-



Speedwell Climate provides data and software to structure, price, and settle index-based climate risk transfer contracts. (Courtesy: Speedwell Climate)

fer contracts. The company serves various industries, such as insurance, investment funds, and renewable energy, with leading customers such as the CME Group.

Through climate risk transfer contracts, organizations can move their weather-related risks to a parametric insurance provider. This way, they can receive compensation in case of certain environmental or weather-related triggers, such as storms, floods, or heatwaves. Climate risk transfer is also vital for the energy transition as it protects renewable energy projects from financial risks due to the variable nature of wind and solar.

The acquisition strengthens Vaisala’s position as a leader in measurement instruments and intelligence for climate action. It aligns with the company’s strategy to build recurring revenue in data, creating opportunities to broaden offerings and scale growth within existing and new customer segments.

“The combined skills and dataset of Speedwell Climate and Vaisala Xweather bring new opportunities to help customers mitigate and adapt to climate change,” said Samuli Hänninen, head of Vaisala Xweather. “With weather becoming increasingly unpredictable, organizations need new tools to man-



Jack Van Den Brink, left, and S.C. Roe. (Courtesy: Mammoet)

age their risk position. We are very excited to welcome the skilled Speedwell Climate people to our team — together, we can turn weather anxiety into weather confidence.”

Founded in 1999, Speedwell Climate is headquartered in Harpenden, U.K., with a subsidiary in the U.S.. Following the acquisition, 24 professionals will transfer to Vaisala.

The acquisition of Speedwell Climate Ltd and its group companies is subject to regulatory approval and is expected to be closed in Q4 2024.

MORE INFO www.vaisala.com

Mammoet teams up with South Korea's Samyang Marine

In a move to support South Korea's growing offshore wind industry, Mammoet and Samyang Marine Group recently entered into a partnership.

This collaboration is set to establish Offshore Service Port (OSP) facilities to

serve projects across sectors in South Korea, with a focus on upcoming offshore wind projects. The partnership will integrate full-spectrum terminal management, including handling, staging, marshaling, and stevedoring services, with heavy lifting and installation capabilities.

The OSPs, in the ports of Busan and Masan, will cater to projects in South Korea and the broader Asia-Pacific region.

The partnership responds to the urgent need for an enhanced offshore wind supply chain and services to meet the ambitious targets outlined in South Korea's Renewable Energy 2030 implementation plan, which includes 14.3 GW of offshore wind by 2030. Crucial to achieving this target is the readiness of the supply chain, responsible for delivering the components and services vital for the construction of offshore wind farms.

“South Korea's offshore wind sector holds immense potential, and our partnership with Mammoet brings together local and international expertise to

provide comprehensive solutions for the industry,” said S.C. Roe, Chairman of Samyang Marine Group. “Together, we will deliver world-class services to support the construction and operation of offshore wind farms, driving the sector's growth.”

“We're excited to collaborate with Samyang Marine Group to address the critical challenges in South Korea's offshore wind market,” said Jack van den Brink, Mammoet Projects AMEA managing director. “This partnership is all about leveraging our combined strengths to create value and foster the growth of renewable energy in the region.”

Leveraging Mammoet's expertise in heavy lifting and integrated logistics with Samyang Marine Group's local knowledge and extensive terminal operations capabilities, this partnership represents a step in enhancing South Korea's offshore wind supply chain capabilities, supporting the country's renewable energy objectives. ↘

MORE INFO www.mammoet.com