

DIRECTION

THE FUTURE OF WIND

The 300-MW Caddo site will double ALLETE Clean Energy's capacity to serve the accelerating corporate demand for clean energy. (Courtesy: Apex Clean Energy)



ALLETE Clean Energy purchases 300-MW Oklahoma project

ALLETE Clean Energy has acquired the Caddo wind project in Oklahoma from Apex Clean Energy, including plans to sell energy to three Fortune 500 corporate customers.

The 300-MW Caddo site will double ALLETE Clean Energy's capacity to serve the accelerating corporate demand for clean energy. The project is in Caddo County in southern Oklahoma.

"When the Caddo wind project comes online, we expect nearly half of our total wind capacity will be sold into the corporate market with strong, creditworthy off-takers and under long-term contracts," said ALLETE Clean Energy President Allan S. Rudeck Jr. "Our total wind capacity also will have nearly tripled in four years. We're honored to help corporate customers reduce their carbon footprint and reach their clean energy goals. We're also proud to be working with Apex Clean Energy again, and we will work together to finalize development with local residents, landowners, and policymakers and build assets that position ALLETE Clean Energy for long-term growth."

The Caddo wind project is expected to be operational by the end of 2021 and will use a portion of ALLETE Clean Energy's wind turbines that qualify for the safe harbor provision of federal renewable energy production tax credits. ALLETE Clean Energy retains safe harbor turbines and is exploring additional opportunities to put more of them to use for customers.

"Apex and ALLETE have fostered a strong partnership, and we are thrilled to once again work together, in tandem with leaders in corporate procurement, to bring a project to life that will expand the clean energy market," said Mark Goodwin, president and CEO of Apex Clean Energy. "Caddo Wind embodies the traits of an ideal wind project — including

an exceptional wind resource and access to transmission — at a time when the market for renewable energy is surging to new heights."

Caddo's approximately 60 to 110 turbines will produce enough energy to power the equivalent of about 110,000 homes and increase ALLETE Clean Energy's total installed wind capacity to more than 1,300 MW. ACE's recent growth has been accomplished by reaching new commercial and industrial customers through the Diamond Spring and Caddo projects in Oklahoma.

"This acquisition of the Caddo project highlights ALLETE's strategy of growing through sustainability in action and focusing closely on our customers," said ALLETE President and CEO Bethany Owen. "The project is another example of ALLETE Clean

Energy's commitment to providing clean energy solutions for customers, while driving growth and shareholder value for ALLETE. With more safe harbor turbines on hand, ALLETE Clean Energy's growth prospects are strong as it balances its energy generation between the utility and corporate customer markets."

MORE INFO www.alletem.com

New International Partnering Forum dates announced

The Business Network for Offshore Wind recently announced that, out of an abundance of caution for the safety of its attendees, it has decided

to hold its annual IPF — the International Partnering Forum, which has become the largest offshore wind energy event in the Western Hemisphere — on August 18-21, 2020, in Providence, Rhode Island.

And, since IPF contains time-sensitive content, the Network will also hold an IPF Virtual during the original time frame, April 21-22, which will be open at no additional charge to all registered attendees and recorded for their convenience. IPF Virtual will cover valuable information on what is occurring right now in the business market and govern-

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ment policies, as Atlantic Seaboard states prepare to host new offshore wind farms and a global supply chain kicks into gear. There will be no in-person component of the April event.

"This remains a critical time for the U.S. offshore wind industry, and the Network is as committed as ever to making the most up-to-date content available through a virtual conference and recordings while we prepare to gather in person," said Liz Burdock, president and CEO of the Business Network for Offshore Wind.

More than 575 companies are signed up to exhibit and participate in IPF Together in August. The conference kicks off with CareerMatch, the first national job fair designed to help supply chain companies pre-

pare for the future of offshore wind in the U.S.

It will connect companies looking to hire in the next 12 months with qualified talent from across the U.S. IPF Together will also feature a half-day summit on workforce development, additional workshops, WindMatch, and tours.

“This two-pronged course of

action provides everyone the opportunity to fully experience the hallmarks of IPF: its valuable educational content and its quality networking opportunities,” Burdock said. “IPF Virtual and IPF Together are doubling the opportunities the offshore wind industry will have to come together to learn, collaborate, and find ways to push the industry

forward.”

Current IPF registrants will be automatically registered for both the IPF Virtual in April, and the in-person IPF Together in August at the Rhode Island Convention Center in Providence.

Information on logistics, such as hotel and travel reservations, can be found on the conference website in the updated FAQ section.

MORE INFO offshorewindus.org

WindCom North America hires new NOAOM manager

WindCom (Wind Composite Services Group), a wind blade services company serving the international wind-energy community, announced that Bruno Bellote recently joined WindCom Services’ leadership team as the new NOAOM (New Opportunities Ahead of Market) manager. Bellote will be responsible for new business expansion.



Bruno Bellote
(Courtesy: WindCom)

His professional background includes 12 years’ experience working in the wind-blade manufacturing and service business. Recently, he served as business development manager at the Brazilian blades manufacturer Tecsis and, prior to that, as general manager at WindCom Services South America helping to establish and grow the Business.

“I am really honored to join WindCom in this new position,” Bellote said. “I have always admired the company, and I’m confident that I can contribute to its continued success.”

Wind Composites Services Company (WindCom), provides fast response, on-site FRP composite

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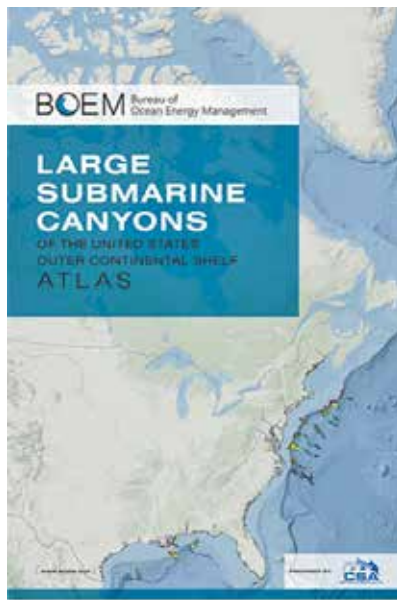
repairs and maintenance for wind blades – including new sites, retrofits, and inspections.

The company’s mobile response service teams are trained and equipped to quickly assess and make repairs from lightning strikes, shipping and installation damage, structural cracking, leading edge erosion and coating failure, blade balancing, and cosmetic/general warranty needs. Repairs can be handled prior to erection (shipping and handling damage), up-tower accessed with suspended work cage or on-site with the blade removed.

MORE INFO windcomservices.com

BOEM, CSA release atlas of U.S. waters submarine canyons

CSA Ocean Sciences Inc. (CSA), a marine environmental consulting firm that specializes in multidisciplinary projects concerning potential impacts of activities in coastal and marine ecosystems, recently announced the U.S. Bureau of Ocean



The new atlas of the major submarine canyons within U.S. waters. (Courtesy: BOEM)

Energy Management (BOEM) in collaboration with CSA Ocean Sciences Inc. (CSA) has released a new atlas of the major submarine canyons within U.S. waters.

This atlas improves environmental management of the outer continental shelf (OCS) by having a single depository of maps and information on major submarine canyons of the OCS. The atlas is also intended as a resource for the public, educators, and the science community.

The atlas was designed to present a consistent way to define canyon boundaries, provide large scale bathymetry for each included canyon, note protected areas, and include notable facts for each canyon.

Submarine canyons in federal waters were inventoried, delineated, described, and categorized using a methodology consistent with terrestrial watershed mapping. A criteria-based algorithm generated spatial canyon polygons from which slope, length, and depth were calculated.

After conducting a literature review and using existing published information and data, a synopsis of the history, known archaeological sites, anthropogenic impacts, alternate names, geography, size, geology, biology, water quality, currents, and any official designation of each canyon was generated.

As a result, CSA was able to provide BOEM with a single depository of maps and supplemental information on United States OCS submarine canyons to inform both long-term and near-term analyses.

“This project was an exciting collaboration among the CSA and BOEM scientists,” said Dr. Mark Fonseca, CSA’s vice president-science. “We worked together to develop a defensible and repeatable process through the application of methods developed in other ecosystems. This has already been applied to begin explaining marine mammal fidelity to canyon ecosystems.” ↴

MORE INFO espis.boem.gov



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