

Where is Corvus Energy located?

The head office was moved to Norway in 2018. Corvus Energy offers Energy Storage Systems (ESS) suitable for various vessel types, providing energy storage in the form of modular lithium-ion battery systems. The battery systems provide power to hybrid and all-electric heavy industrial equipment, including large marine propulsion drives.

What types of energy systems does Corvus Energy offer?

Corvus Energy offers a full portfolio of energy storage and fuel cell systems, suitable for almost every vessel type, providing power systems in the form of modular lithium-ion battery systems and Hydrogen PEM fuel cell systems. Corvus Energy has unsurpassed experience from more than 1000 projects.

What makes Corvus Energy unique?

Technological excellence in combination with Maritime DNA has made Corvus Energy pioneers in their field with the highest number of installations worldwide. We believe the combination of clean fuel and fuel cells together with batteries is the solution to reach the goal of zero emissions by 2050 for the marine industry.

What is Corvus Energy ESS?

Corvus ESS assists with regulatory compliance and Emission Control Area (ECA) limits while providing immediate benefits with a rapid return on investment. More than 90% of large commercial hybrid vessels utilise a Corvus Energy ESS. More than 50% of the world's vessels with zero-emission technology are equipped with Corvus Energy systems.

Why did Toyota invest in Corvus Energy?

This investment will provide Corvus with even fuller access to Toyota's cutting-edge expertise in both fuel cells and battery technology, strengthening Corvus's ability to bring innovations to a rapidly evolving industry. Corvus Energy is the leading supplier of zero-emission solutions for maritime, offshore and port applications.

Where are Corvus fuel cells made?

In addition, Corvus Energy develops maritime fuel cells in partnership with Toyota. Corvus Energy has manufacturing and engineering in Porsgrunn, in Bergen, Norway, and in Richmond, British Columbia. In January 2023, Corvus opened a maritime battery manufacturing plant in Fairhaven, Washington.

The potential for fuel savings and emission reductions in offshore applications has proven significant. In both the vessels that support offshore operations and onboard the rigs themselves, batteries are increasingly being used in hybrid-power and propulsion systems. This effectively reduces fuel consumption, maintenance costs and environmental footprint. With the increase ...

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design life. We can help you ensure improved performance, productivity gains as well as maximized lifetime for your ESS installation. ...

The Corvus Blue Whale marine energy storage system is designed specifically for large vessels, like Cruise Ships and Ro-Pax, and vessels that require a large amount of energy. The Corvus Blue Whale marine battery energy storage system is designed for use in Cruise, Ro-Pax, Ro-Ro, Mega Yachts, and other vessels where the operational profile ...

Corvus Energy has developed the Fuel Cell Battery Information System (FCBIS) software for our fuel cell and battery systems, which will support system integrators to optimally distribute power between fuel cells and batteries. The results are prolonged lifetime, more efficient operation, simplified integration effort and total cost of ownership

Corvus" rigorous testing program with the Laboratory of Alternative Energy Conversion (LAEC) at Simon Fraser University, one of the preeminent battery testing and research facilities in North America, and its on-going monitoring of its deployed systems has validated improved specifications for the flagship AT6500 lithium ion energy storage ...

Brice Morlot, CFO BW Energy, +33.7.81.11.41.16 [email protected] About BW Energy: BW Energy is a growth E& P company with a differentiated strategy targeting proven offshore oil and gas reservoirs through low risk phased developments.

Bergen, Norway and Vancouver, Canada, November 16, 2023. Corvus Energy, the leading provider of Battery Energy Storage Solutions and Fuel Cell Systems for the marine sector, is thrilled to announce that they have been awarded Type Approval from DNV (Det Norske Veritas) for their Cyber Security Notation on the Control and Monitoring system of their Orca ...

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