

Offshore Charging Station Completes Sea Trials



Oasis Marine Power have completed the first stage of testing of their offshore charging station, hailing the design a success. This product was the first design under development and is the first of its kind globally to reach sea trials. It is designed to contribute to revolutionizing renewable energy use for the maritime industry.

The Oasis Power Buoy is an offshore mooring and charging station with a zero-emission power source fed from wind turbines. Initially aimed at Wind Farm Crew Transfer Vessels (CTVs), the Oasis Power Buoy meets the critical need for offshore charging of hybrid and all-electric vessels.

Current diesel-powered maintenance vessels are responsible for the majority of CO₂ emissions from operational wind farms. The Oasis Power Buoy makes zero-emission vessels viable for the industry, facilitating major carbon and cost reductions.

Sea trials were held in the Port of Cromarty Firth, Scotland, during January 2022 in the first of a series of tests.

Reducing the Carbon Footprint

George Smith, director of [Ocean Marine Power](#), commented: "I am delighted with the results of the testing. We have proven that the concept is viable and are now working to optimize the design. What we have achieved is a world first, and this is a great progression towards dramatically reducing the carbon footprint of the maritime industry. Thanks to Cromarty Firth Port Authority and PSG Marine & Logistics for their valued assistance with these trials."

The Oasis Power Buoy will now undergo further testing and optimization, including sustained sea trials.



Sea trials with the Ocean Power Buoy were held in the Port of Cromarty Firth, Scotland during January 2022.