



**For Immediate Release**

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## **CIAT AirTech AHUs Selected for Pioneering Seagreen Offshore Wind Turbine Project**

**ANGUS, Scotland, 12th of September, 2023** – Seagreen, Scotland’s largest and the world’s deepest offshore wind farm project located in the North Sea, selected [CIAT](#)’s high-efficiency ClimaCIAT® AirTech™ air handling units (AHUs) to manage temperature and humidity in the transformer rooms for all the electrical substations. CIAT is a part of Carrier Global Corporation (NYSE: CARR), global leader in intelligent climate and energy solutions.

Six ClimaCIAT AirTech AHUs have been installed to control temperatures in the transformer rooms, two units in each of the three substation buildings, to control the heat generated by the conversion of power up to 400kV for use by the national electricity grid. The AHUs are installed in a ‘run and standby’ set-up where three run for a week then are swapped for the other three. This ensures standby units are always available in the event of an outage, and that all units have equal run-time to maximise working life.

The modular ClimaCIAT AHUs are equipped with high-grade filters to help support indoor air quality to maintain optimum year-round climate conditions to ensure the transformers operate at peak efficiency. CIAT supplied two matched condensing units per AHU.

“We had no issues with the AHUs,” said Chris McCall, Operations Director for MHSL Services, the contractor for the project. “CIAT’s equipment came in three or four sections, which we bolted together and added the controls, the process was fairly straightforward. I have used CIAT on many occasions in the past and found their products to be second to none, they are very reliable and withstand the test of time.”

“CIAT’s innovative ClimaCIAT AHUs are all Eurovent certified, meeting the latest efficiency and performance requirements under Ecodesign Directive regulations,” said Stephen Munn, Regional Sales Manager, CIAT. “This insight empowers informed investment decisions, fostering sustainability and carbon reduction initiatives for projects like Seagreen that will provide 1.6 million homes with renewable electricity each year.”

To learn more about CIAT’s heating and cooling solutions, visit

<https://www.carrier.com/commercial/en/uk/>.

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### **About CIAT**

[CIAT](#) is one of Europe's leading names in cooling, heating, and indoor air quality. Renowned for its capacity to create innovative, durable and high-performing products, CIAT offers a complete range of equipment that is designed to work together. CIAT latest innovations have been specially designed to meet the most demanding requirements. CIAT is a part of Carrier Global Corporation, global leader in intelligent climate and energy solutions that matter for people and our planet for generations to come. For more information, visit [ciat.com](https://www.ciat.com).



The electricity generated by the Seagreen turbines is transferred to landfall at Carnoustie through subsea export cables. It is then transmitted to a new substation at Tealing through 19km-long underground cables.



Bird's eye view of the Tealing substation supporting a wind farm that is expected to generate 5,000GWh of clean energy a year, which will be sufficient to power approximately 1.6 million Scottish households.



CIAT's ClimaCIAT® AirTech air handling units control temperatures in the transformer rooms for Seagreen, Scotland's largest and the world's deepest offshore wind farm.

