CAPITAL CLEAN ENERGY CARRIERS CORP. ANNOUNCES THE DELIVERY OF ITS THIRD HANDY LIQUEFIED CO2 MULTI-GAS CARRIER "ALKIMOS"

ATHENS, Greece, September 9, 2026 (GLOBE NEWSWIRE) – Capital Clean Energy Carriers Corp. (NASDAQ: CCEC), an international owner of ocean-going vessels, (the "Company," "CCEC," "we" or "us"), today announced that it has successfully taken delivery of the Handy Liquefied CO2 Multi-Gas Carrier ("HMG/C"), the 'Alkimos'.

Following her delivery from the shipyard, the HMG/C *Alkimos* (HD Hyundai Samho Co., Ltd., 22,000 cubic meters ("CBM")) commenced, a time charter with an expected duration through May 2027.

The acquisition of the *Alkimos* was financed with cash on hand and a 12-year ECA-backed loan of $52.8 million. Under the terms of the loan, the Company may borrow an additional amount of up to $8.1 million, if the vessel secures longer-term employment. The *Alkimos* is the third latest-generation HMG/C delivered to the Company, bringing the total number of vessels on the water to 21.

About Capital Clean Energy Carriers Corp.

Capital Clean Energy Carriers Corp. (NASDAQ: CCEC), an international shipping company, is a leading platform of gas carriage solutions with a focus on energy transition. CCEC's in-the-water fleet includes 21 high-specification vessels, including 15 latest-generation Liquefied Natural Gas Carriers ("LNG/Cs"), one legacy Neo-Panamax container vessel, two dual-fuel medium gas carriers ("MG/Cs") and three HMG/Cs. In addition, CCEC's under-construction fleet includes six additional latest-generation LNG/Cs, four MG/Cs, one HMG/C and one LNG dual-fuel bunkering vessel to be delivered between the first quarter of 2027 and the first quarter of 2029.

For more information about the Company, please visit: www.capitalcleanenergycarriers.com

Forward-Looking Statements

The statements in this press release that are not historical facts, including, among other things, statements related to CCEC's delivery of strategic goals, ability to pursue growth opportunities and expectations or objectives regarding future vessel deliveries, charter rate and revenue expectations, are forward-looking statements (as such term is defined in Section 21E of the Securities Exchange Act of 1934, as amended). These forward-looking statements involve risks and uncertainties that could cause the stated or forecasted results to be materially different from those anticipated. For a discussion of factors that could materially affect the outcome of forward-looking statements and other risks and uncertainties, see "Risk Factors" in our annual report filed *with the SEC on Form 20-F for the year ended December 31, 2025, filed on April 27, 2026. Unless required by law, CCEC expressly disclaims any obligation to update or revise any of these forward-looking statements, whether because of future events, new information, a change in its views or expectations, to conform them to actual results or otherwise. CCEC does not assume any responsibility for the accuracy and completeness of the forward-looking statements. You are cautioned not to place undue reliance on forward-looking statements.*

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