
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C.**

FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER
Pursuant to Rule 13a-16 or 15d-16
under the Securities Exchange Act of 1934**

For the month of August 2025

COMMISSION FILE NUMBER: 001-33373

CAPITAL CLEAN ENERGY CARRIERS CORP.

(Translation of registrant's name into English)

**3 Iassonos Street
Piraeus, 18537 Greece
(Address of principal executive offices)**

Indicate by check mark whether the Registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F Form 40-F

Attached as Exhibit I is a table setting forth the capitalization and indebtedness of Capital Clean Energy Carriers Corp. as of June 30, 2025.

This report on Form 6-K is hereby incorporated by reference into the registrant's Registration Statement on Form F-3 (File No. 333-282610), Registration Statement on Form F-3 (File No. 333-286825) and Registration Statement on Form F-3 (File No. 333-287895).

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Dated: August 6, 2025

CAPITAL CLEAN ENERGY CARRIERS CORP.

/s/ Gerasimos (Jerry) Kalogiratos

Name: Gerasimos (Jerry) Kalogiratos

Title: Chief Executive Officer

CAPITALIZATION AND INDEBTEDNESS

The following table sets forth our capitalization and indebtedness as of June 30, 2025 as determined in accordance with GAAP. You should read this table in conjunction with the section entitled “Management’s Discussion and Analysis of Financial Condition and Results of Operations” for the six months ended June 30, 2025, included in our [Report on Form 6-K](#) furnished to the United States Securities and Exchange Commission on August 6, 2025. No adjustments have been made to reflect normal course operations by us or other developments in our business after June 30, 2025. As a result, the information provided below is not indicative of our capitalization as of any date after June 30, 2025. Amounts have been rounded to the nearest thousand for presentation purposes and as a result total amounts may not represent arithmetical sums of components.

	As of June 30, 2025 \$ thousands
<i>Debt</i>	
Credit Facilities	728,450
Sales and Lease Back Agreements	1,543,516
Unsecured Bonds	292,706
Total borrowings	2,564,672
Total indebtedness	2,564,672
<i>Capital</i>	
Share Capital (58,725,267 common shares issued and outstanding and 1,221,061 Treasury Shares as of June 30, 2025)	599
Paid-in Capital	1,243,388
Retained earnings	194,978
Accumulated other comprehensive loss	(112)
Total Capital	1,438,853
Total capitalization and indebtedness	4,003,525