UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 12b-25 NOTIFICATION OF LATE FILING

| | SI | 1-15957 | | | | |
|---|---|---|--|---------------------|---------------------------|---|
| CUSIP NUMBER: | | | | | 14067D508 | |
| (Check One): | □ Form 10-K | ☐ Form 20-F | ☐ Form 11-K | ⊠ Form 10-Q | ☐ Form N-SAR | ☐ Form N-CSR |
| For Period End | led: June 30, 202 3 | 3 | | | | |
| ☐ Transi | tion Report on Fortion Report | rm 20-F rm 11-K rm 10-Q | | | | |
| | Nothi | ing in this form sh | or the Transition Penall be construed to any information | o imply that the | | |
| If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates: | | | | | | |
| PART I REGISTRANT INFORMATION | | | | | | |
| Capstone Green | Energy Corpora | tion | | | | |
| Full Name of Reg | istrant | | | | | |
| Capstone Turbin | e Corporation | | | | | |
| Former Name if A | | | | | | |
| 16640 Stora Stro | o.t | | | | | |
| Address of Princip | | ice (Street and Nun | nber) | | | |
| • | | , | , | | | |
| Van Nuys, Califo City, State and Zip | | | | | | |
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| PART II RUL | ES 12b-25(b) AN | D (c) | | | | |
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| | | led without unreas (Check box if app | | xpense and the re | gistrant seeks relief pui | rsuant to Rule 12b-25(b), |
| (a) The reasons | s described in reas | onable detail in Pa | rt III of this form o | could not be elimi | nated without unreason | able effort or expense; |
| thereof will | l be filed on or b | pefore the 15th ca | lendar day follow | ing the prescribe | d due date; or the sub | form N-SAR, or portion ject quarterly report or wing the prescribed due |
| (c)The accoun | tant's statement or | r other exhibit requ | ired by Rule 12b-2 | 25(c) has been atta | ched if applicable. | |
| | | | | | | |

PART III -- NARRATIVE

State below in reasonable detail the reasons why Forms 10-Q, 10-K, 20-F, 11-K, 10-Q, N-SAR, or the transition report portion thereof, could not be filed within the prescribed time period.

Capstone Green Energy Corporation (the "Company") is unable to file its Quarterly Report on Form 10-Q for the quarter ended June 30, 2023 (the "Quarterly Report"), without unreasonable effort and expense. The Company needs additional time because the Company still in the process of compiling information necessary to complete both the Quarterly Report and the Company's Annual Report on Form 10-K for the fiscal year ended March 31, 2023 (the "Annual Report"), and Marcum LLP ("Marcum"), the Company's independent registered public accounting firm, requires additional time to complete its audit of the consolidated financial statements as of and for the year ended March 31, 2023 to be incroporated in the Annual Report, and will need additional time to review the consolidated financial statements as of and for the year ended March 31, 2023 to be included in the Quarterly Report, once the Company has completed their preparation. The delays are attributable in large part to the ongoing review and investigations by the Audit Committee of financial reporting and other matters.

Cautionary Note Regarding Forward-Looking Statements

This Form 12b-25 contains forward-looking statements within the meaning of applicable United States securities laws. These forward looking statements include statements regarding the completion of activities necessary to permit such filing within the applicable extension period, including the Audit Committee's review of certain matters. Forward-looking statements are based on management's current expectations or beliefs about the Company's future plans, expectations and objectives. These forward-looking statements are not historical facts and are subject to risks and uncertainties that could cause the actual results to differ materially from those projected in these forward-looking statements. These risks include, but are not limited to, the matters being reviewed by the Company's Audit Committee and the outcome of the Audit Committee's review thereof, the Company's ability to continue as a going concern, the success of actions intended to address the Company's situation with the holder of its senior secures notes, financial statement adjustments resulting from the completion by Marcum of its procedures in respect of the financial statements to be included in the Quarterly Report and Annual Report, and the impact of the Company's inability to timely file the Annual Report or the Quarterly Report, including the potential adverse effect on trading in the Company's stock and on the Company's ability to raise capital, including because the Company has lost its eligibility to use or file a new shelf registration statement on Form S-3 until the Company has timely filed its periodic reports with the SEC for a period of 12 months (and otherwise satisfies the Form S-3 eligibility requirements). Readers of this Form 12b-25 are cautioned not to place undue reliance on forward-looking statements contained herein, which speak only as of the date of this Form 12b-25. Except as expressly required by the federal securities laws, the Company undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, changed circumstances or future events or for any other reason.

PART IV-- OTHER INFORMATION

(1) Name and telephone number of person to contact in regard to this notification

| John J. Juric | 818 | 734-5300 | |
|---------------|-------------|--------------------|--|
| (Name) | (Area Code) | (Telephone Number) | |

- (2) Have all other periodic reports required under Section 13 or 15(d) of the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding 12 months or for such shorter period that the registrant was required to file such report(s) been filed? If answer is no, identify report(s). Yes □ No ☒
- (3) Is it anticipated that any significant change in results of operations from the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof? Yes ⋈ No □

If so, attach an explanation of the anticipated change, both narratively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made.

Due in large part to the fact that the Company has not yet completed its procedures with respect to the Annual Report, the Company is currently unable to report a reasonable estimate of results with respect of its quarter ended June 30, 2023.

Capstone Green Energy Corporation (Name of Registrant as Specified in Charter)

has caused this notification to be signed on its behalf by the undersigned hereunto duly authorized.

Date: August 15, 2023 By: /s/ Robert C. Flexor

/s/ Robert C. Flexon Name: Robert C. Flexon Title: Executive Chairman