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

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**SCHEDULE 13D**

Under the Securities Exchange Act of 1934  
(Amendment No. 4)\*

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**CLEAN ENERGY FUELS CORP.**

(Name of Issuer)

Common Stock, par value \$0.0001 per share  
(Title of Class of Securities)

184499101  
(CUSIP Number)

Lee Young  
Legal Director, Corporate Transactions  
TotalEnergies SE  
2, place Jean Millier  
La Défense 6  
92400 Courbevoie  
France  
011-331-4744-4546

*Copy to:*

Ryan J. Maierson  
Latham & Watkins LLP  
811 Main Street, Suite 3700  
Houston, Texas 77002  
(713) 546-5400

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

June 14, 2021  
(Date of Event Which Requires Filing of This Statement)

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If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. ☐

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**Note:** Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

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\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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1	NAMES OF REPORTING PERSONS:  TotalEnergies SE		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS): (a) <input type="checkbox"/> (b) <input type="checkbox"/>		
3	SEC USE ONLY:		
4	SOURCE OF FUNDS (SEE INSTRUCTIONS):  AF		
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e):  <input type="checkbox"/>		
6	CITIZENSHIP OR PLACE OF ORGANIZATION:  France		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER:  0	
	8	SHARED VOTING POWER:  51,229,822 (1)	
	9	SOLE DISPOSITIVE POWER:  0	
	10	SHARED DISPOSITIVE POWER:  43,331,801	
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:  51,229,822		
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):  <input type="checkbox"/>		
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11):  25.6% (2)		
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):  CO		

- (1) Constitutes (i) 43,331,801 shares of Common Stock that were purchased by TOTAL MARKETING SERVICES SAS (a direct wholly owned subsidiary of TotalEnergies SE) ("Purchaser," and, together with TotalEnergies SE, the "Reporting Persons") pursuant to a Stock Purchase Agreement, dated May 9, 2018 (the "Stock Purchase Agreement"), between Purchaser and Clean Energy Fuels Corp. (the "Issuer") and (ii) 7,898,021 shares of Common Stock that are the subject of a Voting Agreement, dated May 9, 2018, among Purchaser, the Issuer and all of the Issuer's directors and officers as of such date (the "Voting Agreement"), in favor of Purchaser. Under the Voting Agreement, each Voting Agreement Party appointed Purchaser as such party's proxy and attorney-in-fact, and authorized Purchaser to represent and vote (or consent, if applicable) the shares of Common Stock subject to the Voting Agreement with respect to the election of the individuals designated by Purchaser to serve on the Issuer's board of directors pursuant to Purchaser's director designation rights under the Purchase Agreement. Neither the filing of this Statement nor any of its contents shall be deemed to constitute an admission by the Reporting Persons that the Reporting Persons are the beneficial owner of any shares of Common Stock subject to the Voting Agreement for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed by the Reporting Persons.
- (2) Based on 199,917,559 shares of the Issuer's common stock issued and outstanding as of April 30, 2021, as set forth in the prospectus supplement filed by the Issuer with the Securities and Exchange Commission pursuant to Rule 424(b) on June 7, 2021.

1	NAMES OF REPORTING PERSONS:  TOTAL MARKETING SERVICES SAS	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS): (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY:	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS):  WC	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e):  <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION:  France	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER:  0
	8	SHARED VOTING POWER:  51,229,822 (1)
	9	SOLE DISPOSITIVE POWER:  0
	10	SHARED DISPOSITIVE POWER:  43,331,801
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:  51,229,822	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):  <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11):  25.6% (2)	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):  CO	

- (1) Constitutes (i) 43,331,801 shares of Common Stock that were purchased by Purchaser pursuant to the Stock Purchase Agreement and (ii) 7,898,021 shares of Common Stock that are the subject of the Voting Agreement. Under the Voting Agreement, each Voting Agreement Party appointed Purchaser as such party's proxy and attorney-in-fact, and authorized Purchaser to represent and vote (or consent, if applicable) the shares of Common Stock subject to the Voting Agreement with respect to the election of the individuals designated by Purchaser to serve on the Issuer's board of directors pursuant to Purchaser's director designation rights under the Purchase Agreement. Neither the filing of this Statement nor any of its contents shall be deemed to constitute an admission by the Reporting Persons that the Reporting Persons are the beneficial owner of any shares of Common Stock subject to the Voting Agreement for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed by the Reporting Persons.
- (2) Based on 199,917,559 shares of the Issuer's common stock issued and outstanding as of April 30, 2021, as set forth in the prospectus supplement filed by the Issuer with the Securities and Exchange Commission pursuant to Rule 424(b) on June 7, 2021.

## EXPLANATORY NOTE

The Schedule 13D filed on May 18, 2018 (the “Schedule 13D”), by TotalEnergies SE (formerly known as TOTAL SE), a European company (societas europaea or SE) under the laws of the Republic of France (“TotalEnergies”), and TOTAL MARKETING SERVICES SAS, a société par actions simplifiée organized under the laws of the Republic of France and a direct wholly owned subsidiary of TotalEnergies (“Purchaser,” and together with TotalEnergies, the “Reporting Persons”), relating to shares of common stock, par value \$0.0001 per share (“Common Stock”), of Clean Energy Fuels Corp., a Delaware corporation (the “Issuer”), as amended by Amendment No. 1 filed on June 14, 2018, Amendment No. 2 filed on June 7, 2021 and Amendment No. 3 filed on June 9, 2021, is hereby amended and supplemented as set forth below by this Amendment No. 4 to the Schedule 13D (this “Amendment No. 4”). Capitalized terms used but not defined in this Amendment No. 4 have the meanings ascribed to them in the Schedule 13D as previously filed.

### Item 5. Interest in Securities of the Issuer

Item 5 of the Schedule 13D is hereby amended and supplemented with the following:

(a) and (b) The responses of the Reporting Persons to rows 7, 8, 9, 10, 11 and 13 on the cover pages of this Schedule 13D are incorporated herein by reference. As of the close of business on June 14, 2021, the Reporting Persons are the beneficial owner of 51,229,822 shares of Common Stock.

The percentage of beneficial ownership of the Reporting Persons was calculated by dividing (i) the 51,229,822 shares of Common Stock beneficially owned by the Reporting Persons as of the close of business on June 14, 2021 by (ii) 199,917,559 shares of Common Stock issued and outstanding as of April 30, 2021, as set forth in the prospectus supplement filed by the Issuer with the Securities and Exchange Commission pursuant to Rule 424(b) on June 7, 2021.

To the knowledge of the Reporting Persons, the executive officers and directors of the Reporting Persons have no beneficial ownership of Common Stock separate from the beneficial ownership held by the Reporting Persons.

(c) The table below specifies the date, amount and weighted average per share price of shares of Common Stock sold by the Reporting Persons since the most recent filing of Schedule 13D by the Reporting Persons. All transactions reflected in the table below were effected in the open market on the NASDAQ Global Select Market. To the knowledge of the Reporting Persons, there have been no transactions by any director or executive officer of any of the Reporting Persons in securities of the Issuer during such 60-day period.

Reporting Person	Trade Date	Number of Shares	Price Per Share
TOTAL MARKETING SERVICES SAS	June 9, 2021	1,000,000	\$ 12.7061(1)
TOTAL MARKETING SERVICES SAS	June 10, 2021	417,486	\$ 11.05(2)
TOTAL MARKETING SERVICES SAS	June 11, 2021	65,905	\$ 10.8163(3)
TOTAL MARKETING SERVICES SAS	June 14, 2021	730,000	\$ 11.6902(4)

- (1) The price reported is the weighted average price. The shares were sold in multiple transactions by TOTAL MARKETING SERVICES SAS at prices ranging from \$11.5000 to \$13.4800 per share, inclusive. The reporting persons undertake to provide, upon request by the staff of the Securities and Exchange Commission, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote. Per share prices exclude commissions.
- (2) The price reported is the weighted average price. The shares were sold in multiple transactions by TOTAL MARKETING SERVICES SAS at prices ranging from \$11.0000 to \$12.0000 per share, inclusive. The reporting persons undertake to provide, upon request by the staff of the Securities and Exchange Commission, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote. Per share prices exclude commissions.

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- (3) The price reported is the weighted average price. The shares were sold in multiple transactions by TOTAL MARKETING SERVICES SAS at prices ranging from \$10.8000 to \$11.0100 per share, inclusive. The reporting persons undertake to provide, upon request by the staff of the Securities and Exchange Commission, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote. Per share prices exclude commissions.
- (4) The price reported is the weighted average price. The shares were sold in multiple transactions by TOTAL MARKETING SERVICES SAS at prices ranging from \$10.9400 to \$12.5500 per share, inclusive. The reporting persons undertake to provide, upon request by the staff of the Securities and Exchange Commission, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote. Per share prices exclude commissions.

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### Signatures

After reasonable inquiry and to the best knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: June 15, 2021

TotalEnergies SE

By: /s/ Aurélien Hamelle

Name: Aurélien Hamelle

Title: General Counsel

TOTAL MARKETING SERVICES SAS

By: /s/ Eric Le Bouvier

Name: Eric Le Bouvier

Title: Authorized Signatory