

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| OMB APPROVAL | |
|----------------------------------------------|-----------|
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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Name and Address of Reporting Person* <u>PICKENS BOONE</u> (Last) (First) (Middle) <u>C/O CLEAN ENERGY FUELS CORP.</u> <u>3020 OLD RANCH PARKWAY #400</u> (Street) <u>SEAL BEACH CA 90740</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>Clean Energy Fuels Corp. [CLNE]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below) |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>08/30/2011</u> | |
| | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|---|-------------------------------------------------------------------|------------|--------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 08/30/2011 | | S | | 500,000 ⁽¹⁾ | D | \$13.8504 ⁽²⁾ | 819,488 ⁽³⁾ | I | By Boone Pickens Interests Ltd. |
| Common Stock | 08/31/2011 | | S | | 450,000 ⁽¹⁾ | D | \$13.2106 ⁽⁴⁾ | 369,488 ⁽³⁾ | I | By Boone Pickens Interests Ltd. |
| Common Stock | 09/01/2011 | | S | | 369,488 ⁽¹⁾ | D | \$12.8949 ⁽⁵⁾ | 0 | I | By Boone Pickens Interests Ltd. |
| Common Stock | | | | | | | | 16,539,720 | D | |
| Common Stock | | | | | | | | 1,700,000 ⁽³⁾ | I | By Spouse |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|
| | | | | | | Date Exercisable | Expiration Date | | | | | |
| | | | | | | | | | | | | |

Explanation of Responses:

- Transaction for estate planning purposes.
- Represents the weighted average sale price of shares sold by Boone Pickens Interests Ltd. in multiple transactions at prices ranging from \$13.61 to \$14.24. The reporting person undertakes to provide upon request by the Commission staff, or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- The reporting person disclaims any beneficial ownership of these securities, and this report shall not be deemed an admission that the reporting person is the beneficial owner of the securities for purposes of Section 16 or any other purpose.
- Represents the weighted average sale price of shares sold by Boone Pickens Interests Ltd. in multiple transactions at prices ranging from \$12.96 to \$13.80. The reporting person undertakes to provide upon request by the Commission staff, or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- Represents the weighted average sale price of shares sold by Boone Pickens Interests Ltd. in multiple transactions at prices ranging from \$12.73 to \$13.17. The reporting person undertakes to provide upon request by the Commission staff, or a security holder of the issuer, full information regarding the number of shares sold at each separate price.

/s/ Mitchell W. Pratt, Attorney-in-Fact 09/01/2011

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.