FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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| OMB Number: | 3235-0287 |
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| Estimated average burden | |
| hours per response: | 0.5 |

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

| Name and Address of Reporting Person* Grace Peter J. | | | 2. Issuer Name and Ticker or Trading Symbol Clean Energy Fuels Corp. [CLNE] | | ionship of Reporting Person all applicable) Director Officer (give title below) | (s) to Issuer 10% Owner Other (specify below) | |
|----------------------------------------------------------|------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------|------------------------------------------------|--|
| | ast) (First) (Middle) /O CLEAN ENERGY FUELS CORP.)20 OLD RANCH PARKWAY #400 | | 3. Date of Earliest Transaction (Month/Day/Year) 03/19/2012 | | SVP, Sales and Finance | | |
| (Street) SEAL BEACH (City) | CA (State) | 90740 (Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individ | dual or Joint/Group Filing (C Form filed by One Reporti Form filed by More than C | ng Person | |

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | Code (Ir | ransaction Disposed Of (D) (Instr. 3, 4 and 5) code (Instr. | | | 5. Amount of Securities Beneficially Owned Following Reported | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership | |
|---------------------------------|--------------------------------------------|------------------|-------------------------------------------------------------|--------|---------------|------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------|------------|
| | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (Instr. 4) |
| Common Stock | 03/19/2012 | M | | 1,017 | A | \$12 | 2,017 | D | |
| Common Stock | 03/19/2012 | S ⁽¹⁾ | | 1,017 | D | \$22 | 1,000 | D | |
| Common Stock | 03/20/2012 | M | | 4,983 | A | \$12 | 5,983 | D | |
| Common Stock | 03/20/2012 | S ⁽¹⁾ | | 4,983 | D | \$22.0491 | 1,000 | D | |

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. Transac Code (li 8) | | on Derivative | | 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 | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------|---------------------------------|---|---------------|-----|----------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------|
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | |
| Stock Option (Right to Buy) | \$12 | 03/19/2012 | | M | | 1,017 | | (2) | 05/23/2017 | Common Stock | 1,017 | \$0 | 91,983 | D | |
| Stock Option (Right to Buy) | \$12 | 03/20/2012 | | М | | 4,983 | | (2) | 05/23/2017 | Common Stock | 4,983 | \$0 | 87,000 | D | |

Explanation of Responses:

- 1. The sales reported on this Form 4 were effected purusant to a Rule 10b5-1 trading plan adopted by the Reporting Person.
- 2. All options are fully vested and exercisable.

/s/ Mitchell W. Pratt, Attorney-in-

** Signature of Reporting Person

03/21/2012

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.