LIME ENERGY CO.

Form 3

March 22, 2007

FORM 3

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

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *

A Desmond Joseph Francis

(Last)

(First)

(Middle)

Statement

(Month/Day/Year)

01/26/2007

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

LIME ENERGY CO. [LMEC]

4. Relationship of Reporting Person(s) to Issuer

5. If Amendment, Date Original

Filed(Month/Day/Year)

4164 GRANT COURT

(Street)

(Check all applicable)

6. Individual or Joint/Group

Filing(Check Applicable Line) _X_ Form filed by One Reporting

Person

PLEASANTON. CAÂ 94566

(City) (State) (Zip)

Officer (give title below) (specify below)

X Director

Form filed by More than One

Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)

2. Amount of Securities Beneficially Owned (Instr. 4)

Ownership Form:

(Instr. 5)

4. Nature of Indirect Beneficial Ownership (Instr. 5)

10% Owner

Other

Direct (D) or Indirect (I)

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

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and **Expiration Date** (Month/Day/Year)

3. Title and Amount of Securities Underlying **Derivative Security** (Instr. 4)

4. Conversion or Exercise Price of Derivative

Security

5. Ownership Form of Derivative Security:

6. Nature of Indirect Beneficial Ownership (Instr. 5)

Expiration Date Exercisable Date

Title

Amount or Number of Shares

Direct (D) or Indirect (I) (Instr. 5)

1

Reporting Owners

4164 GRANT COURT PLEASANTON, CAÂ 94566

Signatures

Tammy Hogue, by power of attorney

03/22/2007

**Signature of Reporting Person

Date

Explanation of Responses:

No securities are beneficially owned

- * If the form is filed by more than one reporting person, see Instruction 5(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. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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