#### LIVENGOOD THOMAS C

Form 4

February 29, 2012

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB APPROVAL

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if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

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(b).

| 1. Name and Address of Reporting Person * LIVENGOOD THOMAS C |         |          | 2. Issuer Name and Ticker or Trading Symbol GenOn Energy, Inc. [GEN] | 5. Relationship of Reporting Person(s) to Issuer  |  |  |  |
|--|---------|----------|--|---|--|--|--|
| (Last)   | (First) | (Middle) | 3. Date of Earliest Transaction                                      | (Check all applicable)  |  |  |  |
| 1000 MAIN STREET, 12TH<br>FLOOR                              |         |          | (Month/Day/Year)<br>02/27/2012                                       | Director 10% Owner _X Officer (give title Other (specify below)  SVP & Controller         |  |  |  |
| (Street)   |         |          | 4. If Amendment, Date Original Filed(Month/Day/Year)                 | 6. Individual or Joint/Group Filing(Check Applicable Line)                                |  |  |  |
| HOUSTON, TX 77002  |         |          |  | _X_ Form filed by One Reporting Person<br>Form filed by More than One Reporting<br>Person |  |  |  |

| (City)                               | (State)                              | Zip) Table  | e I - Non-D                             | erivative S  | ecuri     | ties Acq   | uired, Disposed o  | f, or Beneficial   | ly Owned  |  |
|--------------------------------------|--------------------------------------|---|---|--|-----------|------------|--|--|---|--|
| 1.Title of<br>Security<br>(Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code<br>(Instr. 8) | 4. Securities Acquired n(A) or Disposed of (D) (Instr. 3, 4 and 5) |           |            | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|                                      |                                      |   | Code V                                  | Amount   | or<br>(D) | Price      | (Instr. 3 and 4)   |  |   |  |
| Common<br>Stock                      | 02/27/2012                           |   | A                                       | 69,295<br>(1)  | A         | \$0        | 156,471  | D  |   |  |
| Commin<br>Stock                      | 02/27/2012                           |   | F                                       | 3,644<br>(2)   | D         | \$<br>2.44 | 152,827  | D  |   |  |

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

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SEC 1474

(9-02)

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# 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.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4.<br>Transaction<br>Code<br>(Instr. 8) | 5. Number of of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                    | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |                                     |
|--|---|--------------------------------------|---|---|--|--|--------------------|---|-------------------------------------|
|  |   |                                      |   | Code V                                  | (A) (D)  | Date<br>Exercisable  | Expiration<br>Date | Title   | Amount<br>or<br>Number<br>of Shares |
| Employee<br>Stock<br>Option -<br>Right to<br>Buy | \$ 2.44   | 02/27/2012                           |   | A                                       | 76,699   | (3)  | 02/26/2022         | Common<br>Stock   | 76,699                              |

### **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

LIVENGOOD THOMAS C 1000 MAIN STREET 12TH FLOOR HOUSTON, TX 77002

SVP & Controller

### **Signatures**

/s/ Thomas C.

Livengood 02/29/2012

\*\*Signature of Reporting Date

Person

#### **Explanation of Responses:**

- \* 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).
  - Comprised of (i) 11,886 shares of common stock resulting from the vesting on February 27, 2012, upon the satisfaction of performance-based conditions, of one-third of the performance-based restricted stock units granted on February 23, 2011, (ii) 23,774
- (1) restricted stock units that, upon the satisfaction of the performance-based conditions on February 27, 2012, will vest ratably over the next two years on an annual basis and that may only be settled in common stock and (iii) 33,635 restricted stock units granted on February 27, 2012 that will vest ratably on an annual basis over the next three years and that may only be settled in common stock.
- (2) The reporting person disposed of these shares to satisfy tax withholding obligations related to the vesting of performance-based restricted stock units.
- (3) These stock options vest in three equal annual installments beginning February 27, 2013.

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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