

Global Clean Energy Holdings, Inc.
 Form 4
 August 18, 2008

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN 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 *
 NELSON BRUCE K

2. Issuer Name and Ticker or Trading Symbol
 Global Clean Energy Holdings, Inc.
 [GCEH]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 6033 W. CENTURY BLVD., SUITE 1090
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 08/18/2008

____ Director
 Officer (give title below)
 ____ 10% Owner
 ____ Other (specify below)
 Chief Financial Officer

LOS ANGELES, CA 90045

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | | (A) or (D) | Price | | |
| | | | | Code V | Amount | | |
| Common Stock | 08/18/2008 | | P | 5,000 A | \$ 0.045 | 5,000 | D |
| Common Stock | 08/18/2008 | | P | 10,000 A | \$ 0.05 | 15,000 | D |
| Common Stock | 08/18/2008 | | P | 5,000 A | \$ 0.059 | 20,000 | D |
| Common Stock | 08/18/2008 | | P | 22,000 A | \$ 0.06 | 42,000 | D |

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

