

ADVANCED ENERGY INDUSTRIES INC
 Form 4
 October 26, 2007

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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 *
RHOADES C STEVE

2. Issuer Name and Ticker or Trading Symbol
ADVANCED ENERGY INDUSTRIES INC [AEIS]

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

(Last) (First) (Middle)
1625 SHARP POINT DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
10/26/2007

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

FORT COLLINS, CO 80525
 (City) (State) (Zip)

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

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 Ownership (Instr. 4)
Common Stock				(A) or (D) Price	26,978.5 ⁽¹⁾ <u>(2)</u>	D	
Common Stock					10,000	I	By Trust

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

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SEC 1474 (9-02)

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 Underlying Security (Instr. 3 and 4)
Employee Stock Option (right to buy)	\$ 14.93	10/26/2007		A	18,750	10/26/2008 ⁽³⁾ 10/26/2017	Common Stock 18,7

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
RHOADES C STEVE 1625 SHARP POINT DRIVE FORT COLLINS, CO 80525			Chief Operating Officer	

Signatures

/s/ John D. Pirnot -
Attorney-in-Fact

10/26/2007

__Signature of Reporting Person

Date

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).
- (1) Includes 23,875 shares of restricted stock units.
- (2) Mr. Rhoades transferred 1,080 shares of AEIS common stock to his ex-wife pursuant to a divorce decree. Mr. Rhoades no longer reports as beneficially owned any securities owned by his ex-wife.
- (3) The employee stock option granted on October 26, 2007 will vest in four equal annual installments beginning on the first anniversary of the grant date.
- (4) Mr. Rhoades has stock options (right to buy) for a total of 305,650 shares of Common Stock.

Remarks:

Exhibit List
Exhibit 24 - Power of Attorney

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

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