

ADVANCED ENERGY INDUSTRIES INC  
 Form 4  
 August 12, 2014

**FORM 4**

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

OMB APPROVAL

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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 \*  
**ROGERSON GARRY W**

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)  
**08/08/2014**

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**CEO**

**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	08/08/2014		F	(A) or (D) D	Amount 3,918 (1) Price \$ 17.5	53,484 (2)	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)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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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 Securities (Instr. 3 and 4)
8. Price of Derivative Security (Instr. 5)
9. Number of Derivative Securities Owned Following Reporting Transaction (Instr. 6)

Date Exercisable
Expiration Date
Title
Amount or Number of Shares

Code V (A) (D)

Reporting Owners

Table with 2 main columns: Reporting Owner Name / Address, Relationships (Director, 10% Owner, Officer, Other). Row: ROGERSON GARRY W, 1625 SHARP POINT DRIVE, FORT COLLINS, CO 80525, X, CEO.

Signatures

/s/ Thomas O. McGimpsey
08/12/2014
\*\*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) Payment of tax liability by withholding securities incident to vesting of restricted stock units.
(2) Represents 53,484 shares of restricted stock units. As of the reporting date, 73,326 restricted stock units have vested and 36,104 restricted stock units are available to sell.

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.