Herron Danny C Form 4/A February 11, 2013

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person *

Herron Danny C

(First) (Middle)

1625 SHARP POINT DRIVE

(Street)

2. Issuer Name and Ticker or Trading

Symbol

ADVANCED ENERGY INDUSTRIES INC [AEIS]

3. Date of Earliest Transaction

(Month/Day/Year) 02/01/2013

4. If Amendment, Date Original

Filed(Month/Day/Year)

02/05/2013

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify

Executive VP & CFO

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

below)

FORT COLLINS, CO 80525

(City)	(State)	(Zip) Tabl	e I - Non-I	Derivative (Securi	ities Acqu	iired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or			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)	
Common Stock	02/01/2013		Code V $A_{\underline{(1)}}$	Amount 25,836	(D)	Price \$ 0	39,934	D	
Common Stock	02/01/2013		F	8,355 (2)	D	\$ 15.64	31,579 <u>(3)</u>	D	

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

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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. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transac Code (Instr. 8		5. Number of nDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amoun Underlying Securiti (Instr. 3 and 4)	
				Code	V	(A) (D)	Date Exercisable	Expiration Date	Title	Amor Numl Share
Performance Stock Options (right to buy)	\$ 11.02	02/01/2013		A <u>(1)</u>		22,144	02/01/2013	02/01/2023	Common Stock	22,
Performance Stock Options (right to buy)	\$ 0	01/03/2012		A	V	0	<u>(4)</u>	<u>(5)</u>	Common Stock	101
Performance Units	\$ 0	01/03/2012		A	V	0	<u>(6)</u>	<u>(5)</u>	Common Stock	118

Reporting Owners

FORT COLLINS, CO 80525

Reporting Owner Name / Address	Relationships							
•	Director	10% Owner	Officer	Other				
Herron Danny C								
1625 SHARP POINT DRIVE			Executive VP & CFO					

Signatures

/s/ Thomas O. McGimpsey - 02/11/2013 Attorney-in-Fact

**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) The reported transaction is the vesting of performance units reported on Form 4 filed January 6, 2012.
- (2) Payment of tax liability by withholding securities incident to vesting of restricted stock units.
- (3) Represents 31,134 shares of Restricted Stock units and 445 Employee Stock Purchase Plan shares. As of this reporting date, the restricted stock units have vested to 20,350 shares.
- (4) This entry provides for the updated total outstanding performance stock options previously voluntarily reported on Form 4 filed January 6, 2012, following the vesting of 22,144 performance stock options (as reflected in the first line of the Table II). 28,762 performance options in respect of the 2012 performance period did not vest. The performance stock options reported in column 9 related to the 2012

Reporting Owners 2

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and 2014 performance periods.

- (5) If the performance metrics for the reporting year have not been met as determined by the Compensation Committee, the unvested options and units for the applicable year will expire immediately. If any of the options vest, they will cancel ten years from the grant date.
 - This entry provides for the updated total outstanding performance units previously voluntarily reported on Form 4 filed January 6, 2012, following the vesting of 25,836 performance units (as reflected in Table 1 above) in respect of the 2012 performance period. 33556
- performance units in respect of the 2012 performance period did not vest. The performance units reported in column 9 related to the 2013 and 2014 performance units.

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