

Herron Danny C  
 Form 4/A  
 February 11, 2013

# 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 \*  
 Herron Danny C

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)  
 02/01/2013

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Executive VP & CFO

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

4. If Amendment, Date Original Filed(Month/Day/Year)  
 02/05/2013

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 Indirect Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	02/01/2013		A <sup>(1)</sup>	25,836	A \$ 0	39,934	D
Common Stock	02/01/2013		F	8,355 <sup>(2)</sup>	D \$ 15.64	31,579 <sup>(3)</sup>	D

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

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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

- (6) 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.

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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