

BECK RICHARD P  
Form 4  
May 11, 2011

**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  
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

## OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**BECK RICHARD P**

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)  
**05/09/2011**

☒ Director ☐ 10% Owner  
☐ Officer (give title below) ☐ Other (specify below)

**FORT COLLINS, CO 80525**

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 Ownership (Instr. 4)
			Code	V	Amount (A) or (D)	Price	
Common Stock	05/09/2011		D		9,700	D \$ 14.8	53,308 D
Common Stock	05/09/2011		D		200	D \$ 14.82	53,108 D
Common Stock	05/09/2011		D		100	D \$ 14.81	53,008 <sup>(1)</sup> D

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

**Persons who respond to the collection of  
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SEC 1474  
(9-02)

number.

**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 Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repor Trans (Instr
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
BECK RICHARD P 1625 SHARP POINT DRIVE FORT COLLINS, CO 80525	X

## Signatures

Thomas O. McGimpsey -  
Attorney-in-Fact 05/11/2011

\_\_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).

- Mr. Beck has been granted a total of 44,000 RSUs in six grants: (A) 2,000 RSUs granted on May 24, 2006; (B) 16,000 RSUs granted on May 2, 2007; (C) 6,000 RSUs granted on May 7, 2008; (D) 6,000 RSUs granted on May 6, 2009; (E) 6,000 RSUs granted on May 4, 2010. These grants vest annually in four equal installments beginning one year from grant date. (F) 8,000 RSUs granted on May 4, 2011 will vest 100% on the first anniversary of the grant date. As of this filing, 27,000 restricted stock units are vested and held as well as 9,008 shares held in street name.

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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