MCGIMPSEY THOMAS O

Form 4

October 28, 2011

FORM 4

Check this box

if no longer

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

subject to Section 16. Form 4 or Form 5 obligations

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

1(b).

(Print or Type Responses)

may continue.

See Instruction

1. Name and Address of Reporting Person * MCGIMPSEY THOMAS O

2. Issuer Name and Ticker or Trading

Symbol

ADVANCED ENERGY

Issuer

(Check all applicable)

(Last)

(First) (Middle) INDUSTRIES INC [AEIS] 3. Date of Earliest Transaction

(Month/Day/Year)

Director X_ Officer (give title) below)

10% Owner __ Other (specify

1625 SHARP POINT DRIVE

(Street)

(Ctata)

10/26/2011

EVP Gen Counsel & Corp Sec

5. Relationship of Reporting Person(s) to

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

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person

Form filed by More than One Reporting Person

FORT COLLINS, CO 80525

(City)	(State) (A	Table Table	I - Non-Do	erivative	Securi	ities Acc	puired, Disposed o	of, or Beneficial	ly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of				5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect	
(Instr. 3)	• •	any	Code	(D)			Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)			Owned Following	Indirect (I) (Instr. 4)	Ownership (Instr. 4)
					(A)		Reported Transaction(s)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	10/26/2011		A	1,000 (1)	A	\$ 0	9,669 (2)	D	
Common Stock	10/26/2011		F	58	D	\$ 9.51	9,611	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. Transactic Code (Instr. 8)	5. Number proof 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (right to buy)	\$ 9.51	10/26/2011		A	6,250	10/26/2012	10/26/2022	Common Stock	6,250

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MCGIMPSEY THOMAS O 1625 SHARP POINT DRIVE FORT COLLINS, CO 80525

EVP Gen Counsel & Corp Sec

Signatures

/s/ Thomas O. McGimpsey (Attorney-in-Fact)

10/28/2011

**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).
- (1) Payment of tax liability by witholding securities incident to vesting of restricted stock.
- (2) Represents 9,335 shares of Restricted Stock unts (RSUs) and 218 shares of Employee Stock Purchase Plan Shares. As of the reporting date, 1,393 shares are sellable.

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.

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