#### SCHATZ DOUGLAS S

Check this box

if no longer

Section 16.

Form 4 or

obligations

Form 5

subject to

Form 4

March 27, 2012

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**OMB** Number:

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**OMB APPROVAL** 

**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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person \* 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading SCHATZ DOUGLAS S Issuer Symbol ADVANCED ENERGY (Check all applicable) INDUSTRIES INC [AEIS] (Last) (First) (Middle) 3. Date of Earliest Transaction \_X\_\_ Director 10% Owner \_ Other (specify Officer (give title (Month/Day/Year) below) P.O. BOX 481 03/26/2012 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) \_X\_ Form filed by One Reporting Person Form filed by More than One Reporting FORT COLLINS, CO 80522 Person

(City)	(State)	Zip) Table	e I - Non-D	erivative	Secur	ities Acqı	uired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	03/26/2012		S	6,596 (1) (2)	D	\$ 13.29	2,943,473	I	By Trust
Common Stock	03/26/2012		S	$700\underline{^{(1)}}_{\underline{^{(2)}}}$	D	\$ 13.3	2,942,773	I	By Trust
Common Stock	03/26/2012		S	800 <u>(1)</u> <u>(2)</u>	D	\$ 13.31	2,941,973	I	By Trust
Common Stock	03/26/2012		S	100 <u>(1)</u> <u>(2)</u>	D	\$ 13.35	2,941,873	I	By Trust

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)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amount	of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	and 4)		Own
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									mount		
						Date	Expiration	0			
						Exercisable	•				
								0			
				Code V	(A) (D)			S	hares		

## **Reporting Owners**

Reporting Owner Name / Address	Relationships						
.r. g	Director	10% Owner	Officer	Other			
SCHATZ DOUGLAS S							
P.O. BOX 481	X						
FORT COLLINS, CO 80522							

## **Signatures**

/s/ Thomas O. McGimpsey (Attorney-in-Fact) 03/27/2012

\*\*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) Douglas S. Schatz and Jill E. Schatz, husband and wife, are co-trustees of the Family Trust and may be deemed to be indirect beneficial owners of the shares of AEIS common stock held directly by the Family Trust. Douglas S. Schatz is a director of AEIS.
- (2) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 Plan.

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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