SCHATZ DOUGLAS S

Form 4

February 29, 2012

FORM 4

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

OMB 3235-0287 Number:

Estimated average

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005

OMB APPROVAL

Form 4 or Form 5 obligations may continue. See Instruction

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

burden hours per 0.5 response...

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * SCHATZ DOUGLAS S			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
	ADVANCED ENERGY INDUSTRIES INC [AEIS]			(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	X_ Director 10% Owner Officer (give title Other (specify below) below)			
P.O. BOX 481			02/27/2012	below)			
(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			
FORT COLL	INS, CO 80	522		Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tabl	e I - Non-I	Derivative	Secur	ities Acqu	ired, Disposed of	, or Beneficiall	y 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) (A) or			Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/27/2012		Code V S	Amount 2,200 (1) (2)	(D)	Price \$ 12.27	(Instr. 3 and 4) 3,115,928	I	By Trust
Common Stock	02/27/2012		S	1,800 (1) (2)	D	\$ 12.275	3,114,128	I	By Trust
Common Stock	02/27/2012		S	2,293 (1) (2)	D	\$ 12.28	3,111,835	I	By Trust
Common Stock	02/27/2012		S	200 <u>(1)</u> <u>(2)</u>	D	\$ 12.285	3,111,635	I	By Trust
Common Stock	02/27/2012		S	1,600 (1) (2)	D	\$ 12.29	3,110,035	I	By Trust

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Common Stock	02/27/2012	S	$\frac{100 \frac{(1)}{2}}{2} D$	\$ 12.295 3,109,935	I	By Trust
Common Stock	02/27/2012	S	1,600 (1) (2) D	\$ 12.3 3,108,335	I	By Trust
Common Stock	02/27/2012	S	$\frac{400}{\cancel{(2)}}$ D	\$ 12.31 3,107,935	I	By Trust
Common Stock	02/27/2012	S	1,600 (1) (2) D	\$ 12.32 3,106,335	I	By Trust
Common Stock	02/27/2012	S	2,000 D	\$ 12.35 3,104,335	I	By Trust
Common Stock	02/27/2012	S	$\frac{400}{\cancel{(2)}}$ D	\$ 12.375 3,103,935	I	By Trust
Common Stock	02/27/2012	S	$\frac{700}{(2)}$ D	\$ 12.41 3,103,235	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)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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. Tit.	le and	8. Price of	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transa	ectio	nNumber	Expiration D	ate	Amou	ınt of	Derivative	
Security	or Exercise		any	Code		of	(Month/Day/	Year)	Unde	rlying	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr.	8)	Derivative	e		Secur	ities	(Instr. 5)	
	Derivative					Securities			(Instr	. 3 and 4)		
	Security					Acquired						
	J					(A) or						
						Disposed						
						of (D)						
						(Instr. 3,						
						4, and 5)						
						+, and 3)						
										Amount		
							ъ.	E		or		
							Date	Expiration	Title	Number		
							Exercisable	Date		of		
				Code	V	(A) (D)				Shares		
				Code	•	(11) (D)				Dilaios		

Reporting Owners

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

Reporting Owners 2

Signatures

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

02/29/2012

**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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