SCHATZ DOUGLAS S

Form 4

February 14, 2012

FORM 4

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

OMB 3235-0287 Number:

Estimated average

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Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005

0.5

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

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

response...

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * SCHATZ DOUGLAS S		ing Person *	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) P.O. BOX 481	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 02/13/2012	_X_ Director 10% Owner Officer (give title below) Other (specify below)		
	(Street)		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		
FORT COLLINS, CO 80522				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)	Code (Instr. 8)	4. Securities Acquired (A) ansactiomr Disposed of (D) de (Instr. 3, 4 and 5) str. 8) (A) or			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 Beneficial Ownership (Instr. 4)		
Common Stock	02/13/2012		S	900 (1)	D	\$ 10.97	3,203,943	I	By Trust		
Common Stock	02/13/2012		S	4,183 (1) (2)	D	\$ 10.98	3,199,760	I	By Trust		
Common Stock	02/13/2012		S	200 <u>(1)</u> <u>(2)</u>	D	\$ 10.9825	3,199,560	I	By Trust		
Common Stock	02/13/2012		S	500 <u>(1)</u> <u>(2)</u>	D	\$ 10.985	3,199,060	I	By Trust		
Common Stock	02/13/2012		S	300 <u>(1)</u> <u>(2)</u>	D	\$ 10.9875	3,198,760	I	By Trust		

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Common Stock	02/13/2012	S	5,887 D	\$ 10.99	3,192,873	I	By Trust
Common Stock	02/13/2012	S	$\frac{400}{(2)} \frac{(1)}{D}$	\$ 10.9925	3,192,473	I	By Trust
Common Stock	02/13/2012	S	$ \begin{array}{ccc} 2,222 \\ \underline{^{(1)}}\underline{^{(2)}} \end{array} $ D	\$ 11	3,190,251	I	By Trust
Common Stock	02/13/2012	S	$\begin{array}{cc} 300 \underline{^{(1)}} & D \end{array}$	\$ 11.005	3,189,951	I	By Trust
Common Stock	02/13/2012	S	$\begin{array}{c} 400 \underline{^{(1)}} \\ \underline{^{(2)}} \end{array} D$	\$ 11.0075	3,189,551	I	By Trust
Common Stock	02/13/2012	S	$\frac{800}{\stackrel{(1)}{\underline{(2)}}} D$	\$ 11.01	3,188,751	I	By Trust
Common Stock	02/13/2012	S	$\begin{array}{c} 100 \underline{^{(1)}} \\ \underline{^{(2)}} \end{array} D$	\$ 11.015	3,188,651	I	By Trust
Common Stock	02/13/2012	S	$\begin{array}{cc} 1,000 \\ \underline{^{(1)}}\underline{^{(2)}} & D \end{array}$	\$ 11.02	3,187,651	I	By Trust
Common Stock	02/13/2012	S	$\frac{400}{\cancel{(2)}}$ D	\$ 11.03	3,187,251	I	By Trust
Common Stock	02/13/2012	S	$\frac{100}{\stackrel{(1)}{\underline{(2)}}} D$	\$ 11.035	3,187,151	I	By Trust
Common Stock	02/13/2012	S	$\frac{100}{\stackrel{(1)}{}} D$	\$ 11.0375	3,187,051	I	By Trust
Common Stock	02/13/2012	S	$\frac{600 {}^{(1)}}{{}^{(2)}} D$	\$ 11.04	3,186,451	I	By Trust

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

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(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 Exercisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	orNumber	Expiration Date	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e	Securities	(Instr. 5)	Bene
	Derivative		•		Securities	8	(Instr. 3 and 4)		Own
	Security				Acquired				Follo
	•				(A) or				Repo
					Disposed				Trans
					of (D)				(Instr
					(Instr. 3,				Ì
					4, and 5)				
				Code V	(A) (D)		Title		

Date Expiration Exercisable Date

Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address

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) 02/14/2012

**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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