SCHATZ DOUGLAS S

Form 4

January 21, 2010

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

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations 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 * SCHATZ DOUGLAS S & SCHATZ JILL E FAMILY TRUST

2. Issuer Name and Ticker or Trading

Symbol

ADVANCED ENERGY INDUSTRIES INC [AEIS]

3. Date of Earliest Transaction

5. Relationship of Reporting Person(s) to Issuer

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

(Check all applicable)

(Last) (First) (Middle)

(Street)

(Month/Day/Year) 01/19/2010

_X__ 10% Owner Director _ Other (specify Officer (give title below)

PO BOX 481

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

6. Individual or Joint/Group Filing(Check

Applicable Line)

Form filed by One Reporting Person _X_ Form filed by More than One Reporting

Person

FORT COLLINS, CO 80522

(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. Transactic Code (Instr. 8)	4. Securi corr Dispo (Instr. 3,	sed of 4 and (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	01/19/2010		S	1,000	D D	\$ 15.87	6,473,537 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D		
Common Stock	01/19/2010		S	2,000	D	\$ 15.8701	6,471,537 <u>(1)</u> (2) (3)	D		
Common Stock	01/19/2010		S	500	D	\$ 15.8805	6,471,037 <u>(1)</u> (2) <u>(3)</u>	D		
Common Stock	01/19/2010		S	1,000	D	\$ 15.89	6,470,037 <u>(1)</u> (2) (3)	D		
Common Stock	01/19/2010		S	2,600	D	\$ 15.9	6,467,437 <u>(1)</u> (2) (3)	D		

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01/19/2010	S	600	D	\$ 15.9001	6,466,837 <u>(1)</u> (2) (3)	D
01/19/2010	S	900	D	\$ 15.91	6,465,937 <u>(1)</u> (2) (3)	D
01/19/2010	S	2,200	D	\$ 15.92	6,463,737 <u>(1)</u> (2) (3)	D
01/19/2010	S	1,500	D	\$ 15.9201	6,462,237 <u>(1)</u> (2) <u>(3)</u>	D
01/19/2010	S	1,100	D	\$ 15.93	6,461,137 <u>(1)</u> (2) <u>(3)</u>	D
01/19/2010	S	500	D	\$ 15.9301	6,460,637 <u>(1)</u> (2) <u>(3)</u>	D
01/19/2010	S	400	D	\$ 15.94	6,460,237 <u>(1)</u> (2) <u>(3)</u>	D
01/19/2010	S	3,200	D	\$ 15.95	6,457,037 <u>(1)</u> (2) (3)	D
01/19/2010	S	1,000	D	\$ 15.9625	6,456,037 <u>(1)</u> (2) <u>(3)</u>	D
01/19/2010	S	500	D	\$ 15.97	6,455,537 <u>(1)</u> (2) <u>(3)</u>	D
01/19/2010	S	1,500	D	\$ 15.9735	6,454,037 <u>(1)</u> (2) <u>(3)</u>	D
01/19/2010	S	2,000	D	\$ 16	6,452,037 <u>(1)</u> (2) (3)	D
	01/19/2010 01/19/2010 01/19/2010 01/19/2010 01/19/2010 01/19/2010 01/19/2010 01/19/2010 01/19/2010	01/19/2010 S 01/19/2010 S	01/19/2010 S 900 01/19/2010 S 2,200 01/19/2010 S 1,500 01/19/2010 S 1,100 01/19/2010 S 500 01/19/2010 S 3,200 01/19/2010 S 1,000 01/19/2010 S 500 01/19/2010 S 1,500	01/19/2010 S 900 D 01/19/2010 S 2,200 D 01/19/2010 S 1,500 D 01/19/2010 S 1,100 D 01/19/2010 S 500 D 01/19/2010 S 3,200 D 01/19/2010 S 1,000 D 01/19/2010 S 500 D 01/19/2010 S 500 D 01/19/2010 S 1,500 D	01/19/2010 S 600 D 15.9001 01/19/2010 S 900 D \$ 15.91 01/19/2010 S 2,200 D \$ 15.92 01/19/2010 S 1,500 D \$ 15.9201 01/19/2010 S 1,100 D \$ 15.93 01/19/2010 S 500 D \$ 15.9301 01/19/2010 S 3,200 D \$ 15.94 01/19/2010 S 3,200 D \$ 15.95 01/19/2010 S 1,000 D \$ 15.9625 01/19/2010 S 500 D \$ 15.9735	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

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)

1 777:41 6	2	2 T .: D .	24 D 1	4	_	(D E 11 1	7 m: 1	0.00:	0.37
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	onNumber	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)	Derivative	e	Securities	(Instr. 5)	Bene
	Derivative				Securities		(Instr. 3 and 4)		Owne
	Security				Acquired				Follo
					(A) or				Repo
					Disposed				Trans
					of (D)				(Instr
					(Instr. 3,				
					4, and 5)				
				Code V	(A) (D)		Title		

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Date Expiration Exercisable Date

or Number of Shares

Amount

Reporting Owners

Reporting Owner Name / Address			Relationships						
r	Director	10% Owner	Officer	Other					
SCHATZ DOUGLAS S & SCHATZ JILL E FAM PO BOX 481 FORT COLLINS, CO 80522	IILY TRUST		X						
SCHATZ DOUGLAS S P.O. BOX 481 FORT COLLINS, CO 80522		X							
Schatz Jill E P.O. BOX 481 FORT COLLINS, CO 80522			X						
Signatures									
/S/ Thomas O. McGimpsey (Attorney-in-Fact)	01/21/2010								

Explanation of Responses:

**Signature of Reporting Person

- * 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) These shares are owned directly by Douglas S. Schatz & Jill E. Schatz Family Trust, a ten percent owner of the issuer, and indirectly by Douglas S. Schatz and Jill E. Schatz, co-trustees of the trust.

Date

- (2) Includes 26,350 shares of restricted stock units held directly by Douglas S. Schatz, who is a director of the Issuer.
- (3) 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.

Reporting Owners 3