SCHATZ DOUGLAS S

Form 4

March 10, 2010

FORM 4

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

OMB

Check this box if no longer

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

3235-0287 Number: January 31, Expires:

OMB APPROVAL

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

burden hours per response...

Estimated average

may continue. See Instruction

30(h) of the Investment Company Act of 1940

0.5

2005

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *
SCHATZ DOUGLAS S & SCHATZ
III I F FAMII V TRUST

(First)

(Ctota)

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)

(Middle)

3. Date of Earliest Transaction

_X__ 10% Owner Director __ Other (specify Officer (give title

PO BOX 481

(Month/Day/Year) 03/09/2010

(Street)

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

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

6. Individual or Joint/Group Filing(Check

Person

below)

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)	Execution Date, if any Code (Instr. 3, 4 and 5 (Month/Day/Year) (Instr. 8)		(D)	5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	' Amoun	(A) or t (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	03/09/2010		S	200	D	\$ 14.5405	5,967,578 <u>(1)</u> (2) (3)	D	
Common Stock	03/09/2010		S	100	D	\$ 14.5413	5,967,478 <u>(1)</u> (2) (3)	D	
Common Stock	03/09/2010		S	9	D	\$ 14.543	5,967,469 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D	
Common Stock	03/09/2010		S	300	D	\$ 14.55	5,967,169 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D	

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	isable and	7. Titl	le and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration Da	ite	Amou	ınt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/Y	Year)	Under	rlying	Security	5
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	•		Secur	ities	(Instr. 5)	1
	Derivative				Securities			(Instr.	3 and 4)		(
	Security				Acquired						J
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
						5 .	.		or		
							Expiration	Title	Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address		Relationships					
		10% Owner	Officer	Other			
SCHATZ DOUGLAS S & SCHATZ JILL E FAMILY TRUST PO BOX 481 FORT COLLINS, CO 80522		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					
Ciamatuwa a							

Signatures

/S/ Thomas O. McGimpsey
(Attorney-in-Fact) 03/10/2010

**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) 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.

Reporting Owners 2

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- (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.