SCHATZ DOUGLAS S

Form 4

October 15, 2009

FORM 4

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

SECURITIES

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Check this box if no longer subject to Section 16. 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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * SCHATZ DOUGLAS S & SCHATZ JILL E FAMILY TRUST

(First) (Middle)

PO BOX 481

(Last)

(Street)

2. Issuer Name and Ticker or Trading Symbol

ADVANCED ENERGY INDUSTRIES INC [AEIS]

3. Date of Earliest Transaction

(Month/Day/Year) 10/13/2009

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

5. Relationship of Reporting Person(s) to Issuer

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

(Check all applicable)

below)

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) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	red, 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. 4. Securities Acquired (A) Transactiomr Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 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	10/13/2009		Code V S	Amount 100	(D)	Price \$ 13.7688	7,753,295 (1) (2) (3)	D	
Common Stock	10/13/2009		S	100	D	\$ 13.96	7,753,195 (1) (2) (3)	D	
Common Stock	10/13/2009		S	100	D	\$ 13.97	7,753,095 (1) (2) (3)	D	
Common Stock	10/13/2009		S	100	D	\$ 14	7,752,995 (1) (2) (3)	D	
Common Stock	10/13/2009		S	100	D	\$ 14.0001	7,752,895 (1) (2) (3)	D	

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Common Stock	10/13/2009	S	40	D	\$ 14.02	7,752,855 (1) (2) (3)	D
Common Stock	10/13/2009	S	100	D	\$ 14.0216	7,752,755 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	10/13/2009	S	560	D	\$ 14.04	7,752,195 (1) (2) (3)	D
Common Stock	10/13/2009	S	300	D	\$ 14.0481	7,751,895 (1) (2) (3)	D
Common Stock	10/13/2009	S	300	D	\$ 14.05	7,751,595 (1) (2) (3)	D
Common Stock	10/13/2009	S	200	D	\$ 14.06	7,751,395 (1) (2) (3)	D
Common Stock	10/13/2009	S	500	D	\$ 14.062	7,750,895 (1) (2) (3)	D
Common Stock	10/13/2009	S	100	D	\$ 14.07	7,750,795 (1) (2) (3)	D
Common Stock	10/13/2009	S	100	D	\$ 14.0716	7,750,695 (1) (2) (3)	D
Common Stock	10/13/2009	S	200	D	\$ 14.0725	7,750,495 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	10/13/2009	S	100	D	\$ 14.0745	7,750,395 (1) (2) (3)	D
Common Stock	10/13/2009	S	100	D	\$ 14.0765	7,750,295 (1) (2) (3)	D
Common Stock	10/13/2009	S	10	D	\$ 14.0766	7,750,285 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	10/13/2009	S	100	D	\$ 14.09	7,750,185 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	10/13/2009	S	1	D	\$ 14.1	7,750,184 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	10/13/2009	S	2	D	\$ 14.1016	7,750,182 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	10/13/2009	S	15	D	\$ 14.11	7,750,167 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	10/13/2009	S	20	D	\$ 14.1166	7,750,147 (1) (2) (3)	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)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Titl	e and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration Da	ite	Amou	nt of	Derivative	1
Security	or Exercise		any	Code	of	(Month/Day/Y	Year)	Under	lying	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)]
	Derivative				Securities			(Instr.	3 and 4)		(
	Security				Acquired						J
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
									Amount		
						Date	Expiration	Title	Or		
						Exercisable	Date	ritte	Number		
				C 1 W	(A) (D)				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						
^ ' '								

Signatures

/S/ Thomas O. McGimpsey
(Attorney-in-Fact) 10/15/2009

**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) The sales reported in this Form 4 were effected pursuant to Rule 10b5-1 trading plan adopted by the reporting persons on May 28, 2009.
- (2) 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.
- (3) Includes 26,350 shares of restricted stock units held directly by Douglas S. Schatz, who is a director of the Issuer.

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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