#### SCHATZ DOUGLAS S

Form 4

December 15, 2009

### FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Washington, D.C. 20549

Check this box if no longer subject to Section 16.

Form 4 or Form 5

obligations may continue. See Instruction

**SECURITIES** 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

1(b).

(Print or Type Responses)

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

(Last) (First) (Middle)

PO BOX 481

(Street)

Symbol

2. Issuer Name and Ticker or Trading

ADVANCED ENERGY INDUSTRIES INC [AEIS]

3. Date of Earliest Transaction (Month/Day/Year)

12/14/2009

4. If Amendment, Date Original

Filed(Month/Day/Year)

**OMB APPROVAL** 

**OMB** Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_X\_\_ 10% Owner Director \_ Other (specify Officer (give title 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	ly 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) our Disposed of (D) (Instr. 3, 4 and 5)  (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	12/14/2009		Code V S	Amount 600	(D)	Price \$ 12.21	7,114,501 (1) (2) (3)	D	
Common Stock	12/14/2009		S	100	D	\$ 12.22	7,114,401 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D	
Common Stock	12/14/2009		S	1,085	D	\$ 12.23	7,113,316 $\underline{^{(1)}}$ $\underline{^{(2)}}$ $\underline{^{(3)}}$	D	
Common Stock	12/14/2009		S	300	D	\$ 12.24	7,113,016 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D	
Common Stock	12/14/2009		S	300	D	\$ 12.25	7,112,716 $\underline{^{(1)}}$ $\underline{^{(2)}}$ $\underline{^{(3)}}$	D	

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Common Stock	12/14/2009	S	315	D	\$ 12.26	7,112,401 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	1,000	D	\$ 12.28	7,111,401 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	500	D	\$ 12.29	7,110,901 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	2,200	D	\$ 12.3	7,108,701 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	1,200	D	\$ 12.31	7,107,501 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	200	D	\$ 12.3146	7,107,301 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	4,233	D	\$ 12.32	7,103,068 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	3,000	D	\$ 12.322	7,100,068 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	2,567	D	\$ 12.33	7,097,501 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	1,600	D	\$ 12.34	7,095,901 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	4,000	D	\$ 12.343	7,091,901 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	1,100	D	\$ 12.345	7,090,801 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	200	D	\$ 12.35	7,090,601 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	1,000	D	\$ 12.3592	7,089,601 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	900	D	\$ 12.36	7,088,701 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	1,900	D	\$ 12.37	7,086,801 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	4,700	D	\$ 12.3701	7,082,101 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	1,200	D	\$ 12.38	7,080,901 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	1,500	D	\$ 12.3892	7,079,401 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	1,404	D	\$ 12.39	7,077,997 (1) (2) (3)	D
	12/14/2009	S	395	D			D

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Common Stock					\$ 12.3901	$7,077,602 \ \underline{\overset{(1)}{(2)}} \ \underline{\overset{(2)}{(3)}}$	
Common Stock	12/14/2009	S	500	D	\$ 12.3925	7,077,102 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	5,000	D	\$ 12.393	7,072,102 <u>(1)</u> (2) <u>(3)</u>	D
Common Stock	12/14/2009	S	2,000	D	\$ 12.39	7,070,102 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	12/14/2009	S	1,900	D	\$ 12.4	$7,068,202 \frac{(1)}{(2)(3)}$	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)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	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						
		X					

Reporting Owners 3

Schatz Jill E P.O. BOX 481 FORT COLLINS, CO 80522

# **Signatures**

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

12/15/2009

\*\*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) 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.
- (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.

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