SCHATZ DOUGLAS S

Form 4

February 10, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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obligations

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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

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

5. Relationship of Reporting Person(s) to

Issuer

ADVANCED ENERGY INDUSTRIES INC [AEIS]

(Check all applicable)

(Last) (First) (Middle)

(Street)

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

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

PO BOX 481

02/08/2010 4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

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. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
			Code V	Amount		Price	(Instr. 3 and 4)					
Common Stock	02/08/2010		S	600	D	\$ 13.36	6,287,799 (1) (2) (3)	D				
Common Stock	02/08/2010		S	100	D	\$ 13.37	6,287,699 <u>(1)</u> (2) (3)	D				
Common Stock	02/08/2010		S	100	D	\$ 13.38	6,287,599 <u>(1)</u> (2) (3)	D				
Common Stock	02/08/2010		S	100	D	\$ 13.39	6,287,499 <u>(1)</u> (2) <u>(3)</u>	D				
Common Stock	02/08/2010		S	200	D	\$ 13.4	6,287,299 <u>(1)</u> (2) (3)	D				

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Common Stock	02/08/2010	S	400	D	\$ 13.404	6,286,899 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	300	D	\$ 13.4065	6,286,599 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	100	D	\$ 13.41	6,286,499 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	1,000	D	\$ 13.4101	6,285,499 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	02/08/2010	S	100	D	\$ 13.42	6,285,399 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	02/08/2010	S	200	D	\$ 13.43	6,285,199 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	100	D	\$ 13.44	6,285,099 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	02/08/2010	S	100	D	\$ 13.4415	6,284,999 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	200	D	\$ 13.45	6,284,799 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	02/08/2010	S	1,500	D	\$ 13.454	6,283,299 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	100	D	\$ 13.46	6,283,199 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	02/08/2010	S	100	D	\$ 13.47	6,283,099 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	900	D	\$ 13.4701	6,282,199 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	100	D	\$ 13.4801	6,282,099 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	300	D	\$ 13.484	6,281,799 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	02/08/2010	S	300	D	\$ 13.49	6,281,499 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	02/08/2010	S	600	D	\$ 13.496	6,280,899 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	100	D	\$ 13.499	6,280,799 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	300	D	\$ 13.5	6,280,499 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	100	D	\$ 13.5001	6,280,399 <u>(1)</u> (2) (3)	D
	02/08/2010	S	100	D	\$ 13.52		D

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Common Stock						6,280,299 <u>(1)</u> <u>(2) (3)</u>	
Common Stock	02/08/2010	S	300	D	\$ 13.5201	6,279,999 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	700	D	\$ 13.5301	6,279,299 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	100	D	\$ 13.54	6,279,199 <u>(1)</u> (2) (3)	D
Common Stock	02/08/2010	S	100	D	\$ 13.5401	6,279,099 (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)	4. Transactic Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	3	ate	7. Titl Amou Under Secur (Instr.	int of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own 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)

02/10/2010

**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.
- (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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