#### SCHATZ DOUGLAS S

Form 4

March 24, 2010

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

**OMB APPROVAL** 

3235-0287

Expires:

January 31, 2005

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response...

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

1(b).

(Print or Type Responses)

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

(First)

(Street)

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

ADVANCED ENERGY INDUSTRIES INC [AEIS]

(Check all applicable)

(Last)

(Middle)

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

Director Officer (give title below)

\_X\_\_ 10% Owner \_\_ Other (specify

PO BOX 481

03/22/2010

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person

Filed(Month/Day/Year)

\_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. Transactic Code (Instr. 8)	4. Securities Acquired (A) omr Disposed of (D) (Instr. 3, 4 and 5)			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	or (D)	Price	(Instr. 3 and 4)	(	
Common Stock	03/22/2010		S	1,800	D	\$ 14.71	5,866,994 <u>(1)</u> (2) <u>(3)</u>	D	
Common Stock	03/22/2010		S	200	D	\$ 14.715	5,866,794 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D	
Common Stock	03/22/2010		S	1,900	D	\$ 14.72	5,864,894 <u>(1)</u> (2) (3)	D	
Common Stock	03/22/2010		S	2,930	D	\$ 14.73	5,861,964 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D	
Common Stock	03/22/2010		S	100	D	\$ 14.735	5,861,864 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D	

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Common Stock	03/22/2010	S	1,300	D	\$ 14.74	5,860,564 (1) (2) (3)	D
Common Stock	03/22/2010	S	4,356	D	\$ 14.75	5,856,208 <u>(1)</u> (2) <u>(3)</u>	D
Common Stock	03/22/2010	S	700	D	\$ 14.755	5,855,508 <u>(1)</u> (2) <u>(3)</u>	D
Common Stock	03/22/2010	S	2,000	D	\$ 14.76	5,853,508 <u>(1)</u> (2) <u>(3)</u>	D
Common Stock	03/22/2010	S	100	D	\$ 14.7625	5,853,408 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	03/22/2010	S	1,202	D	\$ 14.77	5,852,206 (1) (2) (3)	D
Common Stock	03/22/2010	S	300	D	\$ 14.7725	5,851,906 (1) (2) (3)	D
Common Stock	03/22/2010	S	800	D	\$ 14.775	5,851,106 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	03/22/2010	S	2,483	D	\$ 14.78	5,848,623 <u>(1)</u> (2) <u>(3)</u>	D
Common Stock	03/22/2010	S	665	D	\$ 14.79	5,847,958 <u>(1)</u> (2) (3)	D
Common Stock	03/22/2010	S	1,200	D	\$ 14.8	5,846,758 <u>(1)</u> (2) <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)

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. Transacti Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Secur	ınt of rlying	8. Price of Derivative Security (Instr. 5)	9 1 1 1 1 1 1 1
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

9. Nu

Deriv

Secu

Bene Own Follo Repo Trans (Instr

# **Reporting Owners**

Reporting Owner Na	Relationships						
	Director	10% Owner	Officer	Other			
SCHATZ DOUGLAS S & SCHATZ PO BOX 481 FORT COLLINS, CO 80522	Z JILL E FAMILY 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)	03/24/2010						
**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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