SCHATZ DOUGLAS S

Form 4 April 21, 2010

FORM 4

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

OMB Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** Form 4 or

> 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 See Instruction

(Middle)

1(b).

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obligations

may continue.

(Print or Type Responses)

1. Name and Address of Reporting Person * SCHATZ DOUGLAS S & SCHATZ

(First)

(Street)

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

JILL E FAMILY TRUST

Symbol

ADVANCED ENERGY INDUSTRIES INC [AEIS]

(Check all applicable)

OMB APPROVAL

Estimated average

burden hours per

Expires:

response...

3235-0287

January 31,

2005

0.5

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

04/19/2010

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

PO BOX 481

(Last)

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

Applicable Line)

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

6. Individual or Joint/Group Filing(Check

Person

FORT COLLINS, CO 80522

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative	Secu	rities Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Month/Day/Year) (A) or		d of (D)	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	(D)	Price	(Instr. 3 and 4)		
Common Stock	04/19/2010		S	300	D	\$ 16.025	5,748,976 (1) (2) (3)	D	
Common Stock	04/19/2010		S	100	D	\$ 16.03	5,748,876 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D	
Common Stock	04/19/2010		S	200	D	\$ 16.04	5,748,676 <u>(1)</u> (2) (3)	D	
Common Stock	04/19/2010		S	300	D	\$ 16.08	5,748,376 <u>(1)</u> (2) (3)	D	
Common Stock	04/19/2010		S	1,800	D	\$ 16.09	5,746,576 <u>(1)</u> (2) <u>(3)</u>	D	

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Common Stock	04/19/2010	S	100	D	\$ 16.11	5,746,476 (1) (2) (3)	D
Common Stock	04/19/2010	S	500	D	\$ 16.13	5,745,976 (1) (2) (3)	D
Common Stock	04/19/2010	S	1,200	D	\$ 16.14	5,744,776 <u>(1)</u> (2) (3)	D
Common Stock	04/19/2010	S	1,100	D	\$ 16.15	5,746,676 (1) (2) (3)	D
Common Stock	04/19/2010	S	1,052	D	\$ 16.16	5,742,624 (1) (2) (3)	D
Common Stock	04/19/2010	S	148	D	\$ 16.17	5,742,476 (1) (2) (3)	D
Common Stock	04/19/2010	S	100	D	\$ 16.18	5,742,376 <u>(1)</u> (2) <u>(3)</u>	D
Common Stock	04/19/2010	S	300	D	\$ 16.2	5,742,076 <u>(1)</u> (2) <u>(3)</u>	D
Common Stock	04/19/2010	S	500	D	\$ 16.21	5,741,576 <u>(1)</u> (2) (3)	D
Common Stock	04/19/2010	S	600	D	\$ 16.22	5,740,976 <u>(1)</u> (2) <u>(3)</u>	D
Common Stock	04/19/2010	S	1,000	D	\$ 16.23	5,739,976 <u>(1)</u> (2) (3)	D
Common Stock	04/19/2010	S	200	D	\$ 16.24	5,739,776 <u>(1)</u> (2) (3)	D
Common Stock	04/19/2010	S	100	D	\$ 16.28	5,739,676 (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)

 $\label{thm:convertible} \textbf{Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned} \\ \textit{(e.g., puts, calls, warrants, options, convertible securities)}$

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration Date	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e	Securities	(Instr. 5)	Bene
	Derivative				Securities	3	(Instr. 3 and 4)		Own
	Security				Acquired				Follo
					(A) or				Repo
					Disposed				Trans
					of (D)				(Instr
					(Instr. 3,				

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4, and 5)

Amo	
Date Expiration or Title Num Exercisable Date of Share	

Reporting Owners

Reporting Owner Name / Address			Relationships					
F	Director	10% Owner	Officer	Other				
SCHATZ DOUGLAS S & SCHATZ JILL E FAM PO BOX 481 FORT COLLINS, CO 80522	IILY 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)	04/21/2010							

Explanation of Responses:

**Signature of Reporting Person

- * 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.

Date

- (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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