#### SCHATZ DOUGLAS S

Form 4

October 15, 2009

### FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

**OMB APPROVAL** 

response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

**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

(Street)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

JILL E FAMILY TRUST

ADVANCED ENERGY INDUSTRIES INC [AEIS]

(Check all applicable)

(Last) (First) 3. Date of Earliest Transaction

Director Officer (give title below)

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

PO BOX 481

(Middle)

(Month/Day/Year) 10/12/2009

6. Individual or Joint/Group Filing(Check

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

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)	(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	10/12/2009		S	500	D	\$ 14.15	7,756,280 <u>(1)</u> <u>(2) (3)</u>	D	
Common Stock	10/12/2009		S	500	D	\$ 14.16	7,755,780 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D	
Common Stock	10/12/2009		S	500	D	\$ 14.17	7,755,280 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D	
Common Stock	10/12/2009		S	500	D	\$ 14.1745	7,754,780 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D	
Common Stock	10/12/2009		S	507	D	\$ 14.19	7,754,273 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D	

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Common Stock	10/12/2009	S	100	D	\$ 14.2	$7,754,173 \ \underline{{}^{(1)}}{{}^{(2)} \ \underline{{}^{(3)}}}$	D
Common Stock	10/12/2009	S	193	D	\$ 14.21	7,753,980 <u>(1)</u> <u>(2) (3)</u>	D
Common Stock	10/12/2009	S	85	D	\$ 14.23	7,753,895 <u>(1)</u> (2) (3)	D
Common Stock	10/12/2009	S	400	D	\$ 14.255	7,753,495 <u>(1)</u> <u>(2)</u> <u>(3)</u>	D
Common Stock	10/12/2009	S	100	D	\$ 14.26	$7,753,395 \ \underline{\overset{(1)}{(2)}} \ \underline{\overset{(3)}{(3)}}$	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

> 9. Nu Deriv Secu Bene Own Follo Repo Trans (Insti

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Titl	le and	8. Price of	ç
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transact	iorNumber	Expiration Da	ate	Amou	ınt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	rlying	Security	,
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)	]
	Derivative				Securities			(Instr.	3 and 4)		(
	Security				Acquired						}
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration	Title	or Number		
						Exercisable	Date		of		
				C-1- V	(A) (D)						
				Code V	$^{\prime}$ (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						
		X					

2 Reporting Owners

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

### **Signatures**

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

10/14/2009

\*\*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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