#### SCHATZ DOUGLAS S

Form 4

December 29, 2009

## 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

0.5

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response...

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

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations 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

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) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) 12/28/2009

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

PO BOX 481

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

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) Tal	ble I - Non-	Derivative S	Securi	ties Acquire	d, Disposed of, o	r Beneficially	Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securitie onDisposed o (Instr. 3, 4	f(D)	uired (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)
Common Stock	12/28/2009		Code V S	Amount 800	(D)	Price \$ 14.7001	(Instr. 3 and 4) 6,905,752 (1) (2) (3)	D	
Common Stock	12/28/2009		S	300	D	\$ 14.7025	6,905,452 <u>(1)</u> (2) <u>(3)</u>	D	
Common Stock	12/28/2009		S	200	D	\$ 14.703	6,905,252 <u>(1)</u> (2) <u>(3)</u>	D	
Common Stock	12/28/2009		S	200	D	\$ 14.706	6,905,052 <u>(1)</u> (2) <u>(3)</u>	D	
Common Stock	12/28/2009		S	500	D	\$ 14.708	6,904,552 <u>(1)</u> (2) <u>(3)</u>	D	

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Common Stock	12/28/2009	S		200	D	\$ 14.71	6,904,352 <u>(1)</u> (2) (3)	D
Common Stock	12/28/2009	S		100	D	\$ 14.7101	6,904,252 <u>(1)</u> (2) (3)	D
Common Stock	12/28/2009	S		700	D	\$ 14.714	6,903,552 <u>(1)</u> (2) (3)	D
Common Stock	12/28/2009	S		100	D	\$ 14.716	6,903,452 <u>(1)</u> (2) (3)	D
Common Stock	12/28/2009	S		500	D	\$ 14.72	6,902,952 <u>(1)</u> (2) (3)	D
Common Stock	12/28/2009	S		100	D	\$ 14.77	6,902,852 <u>(1)</u> (2) (3)	D
Common Stock	12/08/2009	G	V	250,000	D	\$ 0 (4)	6,652,852 <u>(1)</u> (2) <u>(3)</u>	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 Secur Bene Own Follo Repo Trans (Instr

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	cisable and	7. Tit.	le and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transact	ionNumber	Expiration D	ate	Amou	ınt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	rlying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Secur	ities	(Instr. 5)
	Derivative				Securities	3		(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
									or	
						Date	Expiration	Title	Number	
						Exercisable	Date	Title	of	
				Codo I	7 (A) (D)				Shares	
				Code V	(A) (D)				Shares	

# **Reporting Owners**

Reporting Owner Name / Address		Relationships					
zerpooning o whom I wante to the control of the con	Director	10% Owner	Officer	Other			
SCHATZ DOUGLAS S & SCHATZ JILL E FAMILY TRUST							
PO BOX 481		X					
FORT COLLINS, CO 80522							

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SCHATZ DOUGLAS S P.O. BOX 481 FORT COLLINS, CO 80522

X

Schatz Jill E P.O. BOX 481

X

FORT COLLINS, CO 80522

# **Signatures**

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

12/29/2009

\*\*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.
- (4) This Gift was for no consideration

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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