SCHATZ DOUGLAS S

Form 4

December 31, 2008

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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

obligations

may continue.

See Instruction

Check this box

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

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

JILL E FAMILY TRUST

(Middle)

(7:n)

ADVANCED ENERGY INDUSTRIES INC [AEIS]

(Check all applicable)

(Last)

P.O. BOX 481

(C:+-)

Common

Common

Common

Stock

Stock

Stock

(First)

(Street)

(Ctota)

12/30/2008

12/30/2008

12/30/2008

3. Date of Earliest Transaction

(Month/Day/Year)

Director X__ 10% Owner __ Other (specify Officer (give title below)

12/30/2008

6. Individual or Joint/Group Filing(Check

 $8,970,507 \stackrel{(1)}{=}$

8,969,639 (1)

8,968,539 (1)

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

> > D

D

Person

FORT COLLINS, CO 80522

(City)	(State) (A	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties A	cquired	5. Amount of	6. Ownership	7. Nature of	
Security	(Month/Day/Year)	Execution Date, if	Transactio	ansaction(A) or Disposed of		Securities	Form: Direct	Indirect		
(Instr. 3)		any	Code	(D)		Beneficially	(D) or	Beneficial		
		(Month/Day/Year)	(Instr. 8)	(Instr. 3,	4 and	5)	Owned	Indirect (I)	Ownership	
							Following	(Instr. 4)	(Instr. 4)	
					(4)		Reported			
					(A)		Transaction(s)			
			Code V	Amount		Price	(Instr. 3 and 4)			
Common Stock	12/30/2008		S	700	D	\$ 9.9	8,970,907 <u>(1)</u> <u>(2)</u>	D		
Common Stock	12/30/2008		S	200	D	\$ 9.91	8,970,707 <u>(1)</u> <u>(2)</u>	D		

200

868

1,100

D

D

D

9.92

9.93

9.94

(2)

(2)

(2)

S

S

S

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Common Stock	12/30/2008	S	3,487	D	\$ 9.95	8,965,052 <u>(1)</u> (2)	D
Common Stock	12/30/2008	S	1,632	D	\$ 9.96	8,963,420 <u>(1)</u> <u>(2)</u>	D
Common Stock	12/30/2008	S	613	D	\$ 9.97	8,962,807 <u>(1)</u> (2)	D
Common Stock	12/30/2008	S	400	D	\$ 9.98	8,962,407 <u>(1)</u> <u>(2)</u>	D
Common Stock	12/30/2008	S	5,000	D	\$ 9.99	8,957,407 <u>(1)</u> <u>(2)</u>	D
Common Stock						26,350 <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.

Deletionships

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	isable and	7. Titl	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	tionNumber	Expiration Da	ate	Amou	ınt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	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					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
					, ,					
									Amount	
						Date	Expiration		or	
						Exercisable	•	Title	Number	
						LACICISADIC	Dute		of	
				Code '	V (A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address		Relationships				
		10% Owner	Officer	Other		
SCHATZ DOUGLAS S & SCHATZ JILL E FAMILY TRUST P.O. BOX 481 FORT COLLINS, CO 80522		X				
SCHATZ DOUGLAS S P.O. BOX 481	X	X				

Reporting Owners 2

FORT COLLINS, CO 80522

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

X

Signatures

Trust				
	**Signature of Reporting Person	Date		
/s/ Douglas S. Schatz		12/31/2008		
	**Signature of Reporting Person	Date		
/s/ Jill E. Schatz		12/31/2008		
	**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 November 26, 2008.
- (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) Represents 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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