#### SCHATZ DOUGLAS S

Form 4

September 16, 2009

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** Number:

3235-0287

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January 31, Expires: 2005

**OMB APPROVAL** 

Estimated average burden hours per

response...

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

obligations

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

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
III I F FAMILY TRUST

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

# ADVANCED ENERGY

INDUSTRIES INC [AEIS]

(Check all applicable)

(Last) (First) (Middle)

(Street)

3. Date of Earliest Transaction (Month/Day/Year) 09/14/2009

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

PO BOX 481

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)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Transaction Date 2A. Deemed			3. 4. Securities Acquired (A) Transactiomr Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	
Common Stock	09/14/2009		S	200	D	\$ 12.1833	$7,971,529 \ \underline{^{(1)}}{^{(2)}} \ \underline{^{(3)}}$	D	
Common Stock	09/14/2009		S	260	D	\$ 12.19	7,971,269 (1) (2) (3)	D	
Common Stock	09/14/2009		S	140	D	\$ 12.2	7,971,129 <u>(1)</u> <u>(2) (3)</u>	D	
Common Stock	09/14/2009		S	100	D	\$ 12.21	7,971,029 <u>(1)</u> (2) (3)	D	
Common Stock	09/14/2009		S	200	D	\$ 12.23	7,970,829 <u>(1)</u> (2) (3)	D	

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

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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.	<ol><li>Date Exerc</li></ol>	cisable and	7. Title a	and	8. Price of	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ate	Amount	of	Derivative	
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underlyi	ing	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	
	Derivative				Securities			(Instr. 3	and 4)		
	Security				Acquired						
					(A) or						
					Disposed						
					of (D)						
					(Instr. 3,						
					4, and 5)						
								Δ	mount		
								or			
						Date	Expiration	Title N			
						Exercisable	Date	01			
				Code V	(A) (D)				hares		
					(1-)			- 01			

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

## **Signatures**

/S/ Thomas O. McGimpsey
(Attorney-in-Fact) 09/16/2009

\*\*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.

Reporting Owners 2

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- (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.