#### SCHATZ DOUGLAS S

Form 4

March 11, 2011

### 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

**OMB APPROVAL** 

Estimated average burden hours per response... 0.5

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

SECURITIES

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

obligations may continue.

See Instruction

Fried pursuant to Section 10(a) of the Section 10(a) of

(7:n

1(b).

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * SCHATZ DOUGLAS S			2. Issuer Name and Ticker or Trading Symbol ADVANCED ENERGY INDUSTRIES INC [AEIS]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last) P.O. BOX 481	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/10/2011	_X_ Director 10% Owner Officer (give title below) Other (specify below)			
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
FORT COLLI	NS, CO 805	522		Form filed by More than One Reporting Person			

(City)	(State) (	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquir Transaction(A) or Disposed of ( Code (Instr. 3, 4 and 5) (Instr. 8)  (A) or			d of (D) 5)	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	03/10/2011		Code V S	Amount 400 (1) (2)	(D)	Price \$ 15.63	3,992,002	I	By Trust	
Common Stock	03/10/2011		S	407 <u>(1)</u> <u>(2)</u>	D	\$ 15.64	3,991,595	I	By Trust	
Common Stock	03/10/2011		S	200 <u>(1)</u> <u>(2)</u>	D	\$ 15.65	3,991,395	I	By Trust	
Common Stock	03/10/2011		S	301 <u>(1)</u> <u>(2)</u>	D	\$ 15.66	3,991,094	I	By Trust	
Common Stock	03/10/2011		S	300 <u>(1)</u> <u>(2)</u>	D	\$ 15.67	3,990,794	I	By Trust	

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Common Stock	03/10/2011	S	$\begin{array}{c} 100  \stackrel{(1)}{\underline{}} \\ \underline{} \end{array}  D$	\$ 15.68	3,990,694	I	By Trust
Common Stock	03/10/2011	S	$\frac{200}{\stackrel{(1)}{\underline{(2)}}}$ D	\$ 15.69	3,990,494	I	By Trust
Common Stock	03/10/2011	S	$\frac{101}{(2)} \frac{(1)}{D}$	\$ 15.7	3,990,393	I	By Trust
Common Stock	03/10/2011	S	$\frac{400}{(2)}^{(1)}$ D	\$ 15.71	3,989,993	I	By Trust
Common Stock	03/10/2011	S	$\begin{array}{cc} 2,200 \\ \underline{^{(1)}}\underline{^{(2)}} \end{array}$ D	\$ 15.72	3,987,793	I	By Trust
Common Stock	03/10/2011	S	$\frac{100}{(2)} \frac{(1)}{D}$			I	By Trust
Common Stock	03/10/2011	S	$\frac{400}{(2)} \frac{(1)}{D}$	\$ 15.75	3,987,293	I	By Trust
Common Stock	03/10/2011	S	$\frac{100}{(2)} \frac{(1)}{D}$	Φ.		I	By Trust

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

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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	cisable and	7. Titl	le and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Date		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						J
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration	TP:41	or		
						Exercisable	-	Title Number			
				C 1 17	(A) (D)				of		
				Code V	(A) (D)				Shares		

# **Reporting Owners**

Relationships Reporting Owner Name / Address

Director 10% Owner Officer Other

2 Reporting Owners

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

### **Signatures**

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

03/11/2011

\*\*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) Douglas S. Schatz and Jill E. Schatz, husband and wife, are co-trustees of the Family Trust and may be deemed to be indirect beneficial owners of the shares of AEIS common stock held directly by the Family Trust. Douglas S. Schatz is a director of AEIS.
- (2) 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.

Signatures 3