SCHATZ DOUGLAS S
Form 4
March 22, 2011

FORM 4

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

OMB APPROVAL

OMB Number:	3235-0287
Expires:	January 31, 2005
Estimated average burden hours per response...	0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF 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

(Print or Type Responses)

1. Name and Address of Reporting Person *
SCHATZ DOUGLAS S

(Last) (First) (Middle)

P.O. BOX 481

(Street)

FORT COLLINS, CO 80522

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
ADVANCED ENERGY INDUSTRIES INC [AEIS]

3. Date of Earliest Transaction (Month/Day/Year)
03/21/2011

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

__X__ Director _____ 10% Owner
_____ Officer (give title below) _____ Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

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. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	03/21/2011		S		400 (1) (2)	D	$ 15.245	3,938,324	I	By Trust
Common Stock	03/21/2011		S		100 (1) (2)	D	$ 15.2475	3,938,224	I	By Trust
Common Stock	03/21/2011		S		700 (1) (2)	D	$ 15.25	3,937,524	I	By Trust
Common Stock	03/21/2011		S		300 (1) (2)	D	$ 15.255	3,937,224	I	By Trust
Common Stock	03/21/2011		S		700 (1) (2)	D	$ 15.26	3,936,524	I	By Trust

Common Stock	03/21/2011	S	600 (1) (2)	D	$ 15.27	3,935,924	I	By Trust
Common Stock	03/21/2011	S	700 (1) (2)	D	$ 15.28	3,935,224	I	By Trust
Common Stock	03/21/2011	S	100 (1) (2)	D	$ 15.3	3,935,124	I	By Trust
Common Stock	03/21/2011	S	600 (1) (2)	D	$ 15.31	3,934,524	I	By Trust
Common Stock	03/21/2011	S	40 (1) (2)	D	$ 15.32	3,934,484	I	By Trust
Common Stock	03/21/2011	S	500 (1) (2)	D	$ 15.33	3,933,984	I	By Trust
Common Stock	03/21/2011	S	160 (1) (2)	D	$ 15.34	3,933,824	I	By Trust
Common Stock	03/21/2011	S	100 (1) (2)	D	$ 15.345	3,933,724	I	By Trust
Common Stock	03/21/2011	S	300 (1) (2)	D	$ 15.35	3,933,424	I	By Trust
Common Stock	03/21/2011	S	98 (1) (2)	D	$ 15.36	3,933,326	I	By Trust
Common Stock	03/21/2011	S	300 (1) (2)	D	$ 15.37	3,933,026	I	By Trust
Common Stock	03/21/2011	S	600 (1) (2)	D	$ 15.38	3,932,426	I	By Trust
Common Stock	03/21/2011	S	500 (1) (2)	D	$ 15.39	3,931,926	I	By Trust
Common Stock	03/21/2011	S	100 (1) (2)	D	$ 15.4	3,931,826	I	By Trust
Common Stock	03/21/2011	S	600 (1) (2)	D	$ 15.43	3,931,226	I	By Trust
Common Stock	03/21/2011	S	400 (1) (2)	D	$ 15.435	3,930,826	I	By Trust
Common Stock	03/21/2011	S	1,000 (1) (2)	D	$ 15.44	3,929,826	I	By Trust
Common Stock	03/21/2011	S	700 (1) (2)	D	$ 15.445	3,929,126	I	By Trust
Common Stock	03/21/2011	S	2,200 (1) (2)	D	$ 15.45	3,926,926	I	By Trust
Common Stock	03/21/2011	S	800 (1) (2)	D	$ 15.46	3,926,126	I	By Trust
	03/21/2011	S		D	$ 15.47	3,925,226	I	By Trust

Common Stock			900 (1) (2)					
Common Stock	03/21/2011	S	100 (1) (2)	D	$ 15.48	3,925,126	I	By Trust
Common Stock	03/21/2011	S	700 (1) (2)	D	$ 15.49	3,924,426	I	By Trust
Common Stock	03/21/2011	S	200 (1) (2)	D	$ 15.495	3,924,226	I	By Trust
Common Stock	03/21/2011	S	1,300 (1) (2)	D	$ 15.5	3,922,926	I	By Trust

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)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

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

Signatures

/s/ Thomas O. McGimpsey (Attorney-in-Fact) 03/22/2011

**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.