ADVANCED ENERGY INDUSTRIES INC Form SC 13G/A February 12, 2010

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

SCHEDULE 13G

(Rule 13d-102)

Under the Securities Exchange Act of 1934

(Amendment No. 4)*

Advanced Energy Industries, Inc.

(Name of Issuer)
Common Stock, \$0.001 par value
(Title of Class of Securities)
007973 10 0
(CUSIP Number)
December 31, 2009
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- o Rule 13d-1(c)
- þ Rule 13d-1(d)
- * The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 13G 007973 10 0 NAMES OF REPORTING PERSONS. 1 I.R.S. Identification Nos. of above persons (entities only). Douglas S. Schatz & Jill E. Schatz Family Trust CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 **WYOMING SOLE VOTING POWER** 5 NUMBER OF 6,641,764 SHARED VOTING POWER **SHARES** 6 BENEFICIALLY OWNED BY 317,168 **EACH** SOLE DISPOSITIVE POWER 7 **REPORTING PERSON** 6,641,764 WITH: SHARED DISPOSITIVE POWER 8 317,168

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

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	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE
10	INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

16.6%

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

12

OO

CUSIP No. 13G 007973 10 0 NAMES OF REPORTING PERSONS. 1 I.R.S. Identification Nos. of above persons (entities only). Douglas S. Schatz CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 **UNITED STATES SOLE VOTING POWER** 5 NUMBER OF 6,641,764 SHARED VOTING POWER **SHARES** 6 BENEFICIALLY OWNED BY 317,168 **EACH** SOLE DISPOSITIVE POWER 7 **REPORTING PERSON** 6,641,764 WITH: SHARED DISPOSITIVE POWER 8 317,168

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE
10	INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

16.6%

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

12

IN

CUSIP No. 13G 007973 10 0 NAMES OF REPORTING PERSONS. 1 I.R.S. Identification Nos. of above persons (entities only). Jill E. Schatz CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 **UNITED STATES SOLE VOTING POWER** 5 NUMBER OF 6,641,764 SHARED VOTING POWER **SHARES** 6 BENEFICIALLY OWNED BY 317,168 **EACH** SOLE DISPOSITIVE POWER 7 REPORTING **PERSON** 6,641,764 WITH: SHARED DISPOSITIVE POWER 8 317,168

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

6

6,958,932

	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE
10	INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

16.6%

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

12

IN

13G

CUSIP No. 007973 10 0

Item 1.

(a) Name of Issuer

Advanced Energy Industries, Inc.

(b) Address of Issuer s Principal Executive Offices

1625 Sharp Point Drive Fort Collins, CO 80525

Item 2.

(a) Name of Person Filing

Douglas S. Schatz & Jill E. Schatz Family Trust Douglas S. Schatz Jill E. Schatz

(b) Address of Principal Business Office or, if none, Residence

PO Box 481 Fort Collins, CO 80522

(c) Citizenship

Douglas S. Schatz & Jill E. Schatz Family Trust Wyoming Douglas S. Schatz United States Jill E. Schatz United States

(d) Title of Class of Securities

Common Stock, \$0.001 par value

(e) <u>CUSIP Number</u>

007973 10 0

Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

Not applicable

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

Douglas S. Schatz & Jill E. Schatz Family Trust 6,958,932 Douglas S. Schatz 6,958,932 Jill E. Schatz 6,958,932

(b) Percent of class:

Douglas S. Schatz & Jill E. Schatz Family Trust 16.6% Douglas S. Schatz 16.6% Jill E. Schatz 16.6%

(c) Number of Shares as to which such person has:

Douglas S. Schatz & Jill E. Schatz Family Trust:

- (i) sole power to vote or to direct the vote: 6,641,764
- (ii) shared power to vote or to direct the vote: 317,168
- (iii) sole power to dispose or to direct the disposition of: 6,641,764
- (iv) shared power to dispose or to direct the disposition of: 317,168

CUSIP No. 007973 10 0

13G

Douglas S. Schatz:

- (i) sole power to vote or to direct the vote: 6,641,764
- (ii) shared power to vote or to direct the vote: 317,168
- (iii) sole power to dispose or to direct the disposition of: 6,641,764
- (iv) shared power to dispose or to direct the disposition of: 317,168 Jill E. Schatz:
- (i) sole power to vote or to direct the vote: 6,641,764
- (ii) shared power to vote or to direct the vote: 317,168
- (iii) sole power to dispose or to direct the disposition of: 6,641,764
- (iv) shared power to dispose or to direct the disposition of: 317,168
- * Mr. and

Mrs. Schatz are

trustees of a

charitable

foundation that

is the record

holder of

317,168 shares

of common

stock of the

issuer. The two

other trustees of

the charitable

foundation are

members of Mr.

and

Mrs. Schatz s

immediate

family.

Accordingly,

Mr. Schatz and

Mrs. Schatz

may be deemed

to share with the

other trustees

voting and

dispositive

power with

respect to the

charitable

foundation s

317,168 shares.

Mr. and

Mrs. Schatz

disclaim

beneficial

ownership of

the shares held

by the charitable

foundation.

Item 5. Ownership of Five Percent or Less of a Class

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

Not applicable.

Item 8. Identification and Classification of Members of the Group

Not applicable.

Item 9. Notice of Dissolution of Group

Not applicable.

Item 10. Certification

Not applicable.

CUSIP No. 007973 10 0

13G SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 11, 2010 DOUGLAS S. SCHATZ &

JILL E. SCHATZ FAMILY TRUST

By: /s/ Douglas S. Schatz Douglas S. Schatz, Trustee

By: /s/ Jill E. Schatz Jill E. Schatz, Trustee

By: /s/ Douglas S. Schatz Douglas S. Schatz

By: /s/ Jill E. Schatz Jill E. Schatz