ADVANCED ENERGY INDUSTRIES INC Form SC 13G February 13, 2014

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 SCHEDULE 13G Under the Securities Exchange Act of 1934

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, 2013 (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)

o 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 disclosures provided in a prior cover page.

The information required on 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. 007973 10 0

13G

Page 2 of 7 Pages

- NAMES OF REPORTING PERSONS

 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

 Douglas S. Schatz & Jill E. Schatz Family Trust
- 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions)
 - (a) o
 - (b) o
- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION WYOMING 5. SOLE VOTING POWER

	5.	
NUMBER OF		2,444,151
SHARES	6.	SHARED VOTING POWER
BENEFICIALLY		74,168
OWNED BY EACH	7.	SOLE DISPOSITIVE POWER
REPORTING		2,444,151
PERSON WITH	8.	SHARE DISPOSITIVE POWER
		74,168

- 9. AGGREGATE AMOUNT BENEFICIALLY OWEND BY EACH REPORTING PERSON 2,518,319
- 10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) o
- PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
 6.3%
- 12. TYPE OF REPORTING PERSON (see instructions) OO

Edgar Filing: ADVANCED ENERGY INDUSTRIES INC - Form SC 13G

CUSIP No. 007973	10 0	13G	Page 3 of 7 Pages	
1. NAMES OF REPORTING PERSONS 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) (a) o 				
(b) o 3. SEC USE ON	NLY			
4. CITIZENSHIP OR PLACE OF ORGANIZATION UNITED STATES				
	5.	SOLE VOTING POWE	R	
NUMBER OF		2,621,851		
SHARES	6.	SHARED VOTING PO	WER	
BENEFICIALLY		74,168		
OWNED BY EACH	[7.	SOLE DISPOSITIVE PO	OWER	
REPORTING		2,621,851		
PERSON WITH	8.	SHARE DISPOSITIVE	POWER	
		74,168		
9. AGGREGATE AMOUNT BENEFICIALLY OWEND BY EACH REPORTING PERSON				
2,696,019				
	10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
x	(see instructions) o			
11 PERCENT C	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			

- PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 6.74%
- 12. TYPE OF REPORTING PERSON (see instructions) IN

Edgar Filing: ADVANCED ENERGY INDUSTRIES INC - Form SC 13G

CUSIP No. 007973 10 0	13G	Page 4 of 7 Pages			
1. NAMES OF REPOR I.R.S. IDENTIFICAT Jill E. Schatz	TING PERSONS TION NOS. OF ABOVE PEF	RSONS (ENTITIES ONLY)			
 CHECK THE APPR (see instructions) (a) o (b) o 	OPRIATE BOX IF A MEME	BER OF A GROUP			
3. SEC USE ONLY					
UNITED STATES	LACE OF ORGANIZATION				
5. NUMBER OF	SOLE VOTING POWE 2,444,151	R			
SHARES 6. BENEFICIALLY	2,444,151 SHARED VOTING PO 74,168	WER			
OWNED BY EACH 7. REPORTING	SOLE DISPOSITIVE P 2,444,151	OWER			
PERSON WITH 8.	SHARE DISPOSITIVE 74,168	POWER			
9. AGGREGATE AMOUNT BENEFICIALLY OWEND BY EACH REPORTING PERSON 2,518,319					
 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) o 					
()	1. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	12. TYPE OF REPORTING PERSON (see instructions)				

IN

CUSIP No. 007973 10 0

13G

Page 5 of 7 Pages

Item 1.

(a)Name of IssuerAdvanced Energy Industries, Inc.(b)Address of Issuer's Principal Executive Offices1625 Sharp Point DriveFort 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 the Principal Office or, if none, residence
P.O. 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) CUSIP Number
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 CUSIP No. 007973 10 0

13G

Page 6 of 7 Pages

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 - 2,518,319 Douglas S. Schatz - 2,696,019 Jill E. Schatz - 2,518,319 (b)Percent of class: Douglas S. Schatz & Jill E. Schatz Family Trust - 6.3% Douglas S. Schatz - 6.74% Jill E. Schatz - 6.3% (c)Number of shares as to which the person has: Douglas S. Schatz & Jill E. Schatz Family Trust (i)Sole power to vote or to direct the vote - 2,444,151 (ii)Shared power to vote or to direct the vote - 74,168 (iii)Sole power to dispose or to direct the disposition of - 2,444,151 (iv)Shared power to dispose or to direct the disposition of - 74,168 Douglas S. Schatz (i)Sole power to vote or to direct the vote - 2,621,851 (ii)Shared power to vote or to direct the vote - 74,168 (iii)Sole power to dispose or to direct the disposition of - 2,621,851 (iv)Shared power to dispose or to direct the disposition of - 74,168 Jill E. Schatz (i)Sole power to vote or to direct the vote - 2,444,151 (ii)Shared power to vote or to direct the vote - 74,168 (iii)Sole power to dispose or to direct the disposition of - 2,444,151 (iv)Shared power to dispose or to direct the disposition of - 74,168

* Mr. and Mrs. Schatz are trustees of a charitable foundation that is the record holder of 74,168 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. and Mrs. Schatz may be deemed to share with the other trustees voting and dispositive power with respect to the charitable foundation's 74,168 shares. The reporting persons 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

Edgar Filing: ADVANCED ENERGY INDUSTRIES INC - Form SC 13G

CUSIP No. 007973 10 0

13G

Page 7 of 7 Pages

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.

February 12, 2014 Date

/s/ Jill Schatz Signature

Jill Schatz Name/Title

February 12, 2014 Date

/s/ Douglas Schatz Signature

Douglas Schatz - Trustee Name/Title