

ADVANCED ENERGY INDUSTRIES INC  
 Form 3/A  
 June 03, 2005

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
 Expires: January 31, 2005  
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**INITIAL STATEMENT OF 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 *			2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â SCHATZ DOUGLAS S & SCHATZ JILL E FAMILY TRUST			(Month/Day/Year)	ADVANCED ENERGY INDUSTRIES INC [AEIS]	
(Last)	(First)	(Middle)		4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
				(Check all applicable)	08/01/2002
P.O. BOX 481				___ Director	<input checked="" type="checkbox"/> 10% Owner
				___ Officer	___ Other
				(give title below)	(specify below)
FORT COLLINS,Â COÂ 80522				6. Individual or Joint/Group Filing(Check Applicable Line)	
(City)	(State)	(Zip)		___ Form filed by One Reporting Person	
				<input checked="" type="checkbox"/> Form filed by More than One Reporting Person	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	10,857,782 <u>(1)</u> <u>(2)</u>	D	Â

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

SEC 1473 (7-02)

**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.**

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SCHATZ DOUGLAS S & SCHATZ JILL E FAMILY TRUST P.O. BOX 481 FORT COLLINS, CO 80522	^	^ X	^	^
SCHATZ DOUGLAS S P.O. BOX 481 FORT COLLINS, CO 80522	^ X	^ X	^ Chief Executive Officer	^
Schatz Jill E P.O. BOX 481 FORT COLLINS, CO 80522	^	^ X	^	^

## Signatures

Douglas S. Schatz - Attorney-in-Fact 05/31/2005

\*\*Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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) Reflects the shares held as of August 1, 2002 (the date the original Form 3 was filed) directly by the Douglas S. Schatz and Jill E. Schatz Family Trust and indirectly by each of Douglas S. Schatz and Jill E. Schatz, co-trustees.
- (2) This amendment is filed to include Douglas S. Schatz and Jill E. Schatz as joint filers.

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### Remarks:

Exhibit List  
^ ^ Exhibit 24 - Confirming Statement

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.