

ADVANCED ENERGY INDUSTRIES INC

Form 3

May 26, 2006

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

OMB APPROVAL

OMB
Number: 3235-0104Expires: January 31,
2005Estimated average
burden hours per
response... 0.5**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 *

Â ROHRS THOMAS M

(Last)

(First)

(Middle)

2. Date of Event Requiring
Statement

(Month/Day/Year)

05/24/2006

3. Issuer Name **and** Ticker or Trading Symbol

ADVANCED ENERGY INDUSTRIES INC [AEIS]

4. Relationship of Reporting
Person(s) to Issuer5. If Amendment, Date Original
Filed(Month/Day/Year)

(Check all applicable)

☒ Director ☐ 10% Owner
☐ Officer ☐ Other
(give title below) (specify below)6. Individual or Joint/Group
Filing(Check Applicable Line)
☒ Form filed by One Reporting
Person
☐ Form filed by More than One
Reporting Person

1625 SHARP POINT DRIVE

(Street)

FORT COLLINS,Â COÂ 80525

(City)

(State)

(Zip)

Table I - Non-Derivative Securities Beneficially Owned1. 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)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)Date Expiration
Exercisable Date3. Title and Amount of
Securities Underlying
Derivative Security
(Instr. 4)Title Amount or
Number of
Shares4. Conversion
or Exercise
Price of
Derivative
Security5. Ownership
Form of
Derivative
Security:
Direct (D)
or Indirect
(I)
(Instr. 5)6. Nature of Indirect
Beneficial Ownership
(Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ROHRS THOMAS M 1625 SHARP POINT DRIVE FORT COLLINS, CO 80525	X			

Signatures

Mary K. Derr -
Attorney-in-Fact

05/26/2006

Signature of Reporting Person

Date

Explanation of Responses:

No securities are beneficially owned

* 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).

Remarks:

Exhibit List

Exhibit 24 - Power of Attorney

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.