BETZ HANS GEORG DR

Form 4 May 01, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number:

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Check this box

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

BETZ HANS GEORG DR

ADVANCED ENERGY **INDUSTRIES INC [AEIS]**

(Check all applicable)

(Last)

(First)

(Middle)

3. Date of Earliest Transaction

_X__ Director X_ Officer (give title below)

10% Owner Other (specify

(Month/Day/Year)

04/27/2007

below) President and CEO

1625 SHARP POINT DRIVE

4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line)

> _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

(Street)

FORT COLLINS, CO 80525

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct (D) or Indirect (I) (Instr. 4)

Indirect Beneficial Ownership (Instr. 4)

(A) or

Transaction(s) (Instr. 3 and 4)

Common Stock

Code V Amount (D) Price

> $78,446 \frac{(1)}{2}$ D

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)

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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 orDerivative 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 Underlying Securitic (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Option (right to buy)	\$ 24.21	04/27/2007		A	30,000	04/27/2008(2)	04/27/2017	Common Stock	30,0

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting Owner Funite / Futuress	Director	10% Owner	Officer	Other			
BETZ HANS GEORG DR 1625 SHARP POINT DRIVE FORT COLLINS, CO 80525	X		President and CEO				

Signatures

/s/ John D. Pirnot -Attorney-in-Fact 05/01/2007

**Signature of Reporting Person D

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) Includes 75,000 shares of restricted stock units.
- (2) The employee stock option granted on April 27, 2007 will vest in four equal annual installments beginning on the first anniversary of the grant date.
- (3) Mr. Betz has stock options (right to buy) for a total of 320,000 shares of Common Stock.

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.

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