WASSERMAN YUVAL Form 4/A

October 19, 2017

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

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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

See Instruction

1(b).

(Print or Type Responses)

may continue.

1. Name and Address of Reporting Person * WASSERMAN YUVAL			2. Issuer Name and Ticker or Trading Symbol ADVANCED ENERGY INDUSTRIES INC [AEIS]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
(Last) 1625 SHARF	(Last) (First) (Middle) 1625 SHARP POINT DRIVE		3. Date of Earliest Transaction (Month/Day/Year) 10/12/2017	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) President & CEO
(Street) FORT COLLINS, CO 80525			4. If Amendment, Date Original Filed(Month/Day/Year) 10/13/2017	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Ac	quired, Disposed of, or Beneficially Owned

` •	· · ·	1 401	e i - Non-L	perivative i	Securi	nes Acqu	iirea, Disposea oi	, or benefician	ly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securit	ies Ac	quired	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if Transaction(A) or Dispos				of (D)	Securities	Ownership	Indirect
(Instr. 3)		any	Code	(Instr. 3,	4 and 5	5)	Beneficially	Form: Direct	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	(D) or	Ownership
							Following	Indirect (I)	(Instr. 4)
					(4)		Reported	(Instr. 4)	
					(A)		Transaction(s)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
C			Code v		(D)				
Common	10/12/2017		M	23,000	Α	\$	142,590	D	
Stock	10/12/2017			(1)		11.02	1.2,000	_	
C				22 000					
Common	10/12/2017		S	23,000	D	\$ 85	119,590	D	
Stock				(2)			,		

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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 or Derivative 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 of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Options (right to buy)	\$ 11.02	10/12/2017		M	23,000 (1)	01/03/2012	01/03/2022	Common Stock	23,000 (3)

Reporting Owners

Reporting Owner Name / Address	Relationships							
Troporting of mark reasons	Director	10% Owner	Officer	Other				
WASSERMAN YUVAL								
1625 SHARP POINT DRIVE	X		President & CEO					
FORT COLLINS, CO 80525								

Signatures

/s/ Thomas O. McGimpsey (Attorney-in-Fact) 10/19/2017

**Signature of Reporting Person Date

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) Shares exercised in accordance with 10b5-1 trading plan.
- (2) Shares sold in accordance with 10b5-1 trading plan.
- (3) Previously listed this amount as 10,699 which was a Administrative error.

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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