

ADVANCED ENERGY INDUSTRIES INC  
 Form 4  
 November 14, 2013

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
 OMB Number: 3235-0287  
 Expires: January 31, 2015  
 Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN 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 \*  
**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) (First) (Middle)  
**1625 SHARP POINT DRIVE**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**11/12/2013**

\_\_\_\_ Director  
 Officer (give title below)  
 \_\_\_\_ 10% Owner  
 \_\_\_\_ Other (specify below)  
**President Thin Films Bus. Unit**

**FORT COLLINS, CO 80525**

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_\_ Form filed by More than One Reporting Person

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	11/12/2013		M		4,688	A	\$ 8.95
					19,074	(1)	D
Common Stock	11/12/2013		M		3,285	A	\$ 7.69
					22,359	(1)	D
Common Stock	11/12/2013		M		6,563	A	\$ 7.95
					28,922	(1)	D
Common Stock	11/12/2013		M		3,937	A	\$ 9.51
					32,859	(1)	D
Common Stock	11/12/2013		M		18,184	A	\$ 11.02
					51,043	(1)	D

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Common Stock	11/12/2013	S	<u>2,596</u> <sup>(2)</sup>	D	\$ <u>23.4084</u> <sup>(3)</sup>	48,447 <sup>(1)</sup>	D
Common Stock	11/12/2013	S	<u>36,657</u> <sup>(2)</sup>	D	\$ <u>23.4149</u> <sup>(4)</sup>	11,790 <sup>(1)</sup>	D
Common Stock	11/13/2013	M	3,960	A	\$ 11.02	15,750 <sup>(1)</sup>	D
Common Stock	11/13/2013	M	4,688	A	\$ 13.7	20,438 <sup>(1)</sup>	D
Common Stock	11/13/2013	M	4,688	A	\$ 14.02	25,126 <sup>(1)</sup>	D
Common Stock	11/13/2013	M	6,563	A	\$ 11.21	31,689 <sup>(1)</sup>	D
Common Stock	11/13/2013	M	3,281	A	\$ 12.77	34,970 <sup>(1)</sup>	D
Common Stock	11/13/2013	M	7,875	A	\$ 13.85	42,845 <sup>(1)</sup>	D
Common Stock	11/13/2013	M	7,874	A	\$ 12.44	50,719 <sup>(1)</sup>	D
Common Stock	11/13/2013	M	1,010	A	\$ 15.65	51,729 <sup>(1)</sup>	D
Common Stock	11/13/2013	S	<u>39,939</u> <sup>(2)</sup>	D	\$ <u>23.1991</u> <sup>(5)</sup>	11,790 <sup>(1)</sup>	D
Common Stock	11/14/2013	M	2,928	A	\$ 15.65	14,718 <sup>(1)</sup>	D
Common Stock	11/14/2013	M	7,875	A	\$ 16.25	22,593 <sup>(1)</sup>	D
Common Stock	11/14/2013	M	3,937	A	\$ 14.5	26,530 <sup>(1)</sup>	D
Common Stock	11/14/2013	M	3,937	A	\$ 14.52	30,467 <sup>(1)</sup>	D
Common Stock	11/14/2013	M	7,874	A	\$ 14.21	38,341 <sup>(1)</sup>	D
Common Stock	11/14/2013	S	<u>26,551</u> <sup>(2)</sup>	D	\$ <u>22.8585</u> <sup>(6)</sup>	11,790 <sup>(1)</sup>	D

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

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SEC 1474  
(9-02)

displays a currently valid OMB control number.

**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 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
Employee Stock Option (right to buy)	\$ 8.95	11/12/2013		M	4,688 (2)	10/28/2012	10/28/2018	Common Stock	4,688
Employee Stock Option (right to buy)	\$ 7.69	11/12/2013		M	3,285 (2)	02/19/2013	02/19/2019	Common Stock	3,285
Employee Stock Option (right to buy)	\$ 7.95	11/12/2013		M	6,563 (2)	04/24/2013	04/24/2019	Common Stock	6,563
Employee Stock Option (right to buy)	\$ 9.51	11/12/2013		M	3,937 (2)	10/26/2013	10/26/2021	Common Stock	3,937
Employee Stock Option (right to buy)	\$ 11.02	11/12/2013		M	18,184 (2)	02/01/2013	01/03/2022	Common Stock	18,184
Employee Stock Option (right to buy)	\$ 11.02	11/13/2013		M	3,960 (2)	02/01/2013	01/03/2022	Common Stock	3,960
	\$ 13.7	11/13/2013		M		04/22/2012	04/22/2018		1,688

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Employee Stock Option (right to buy)					4,688 <u>(2)</u>			Common Stock	
Employee Stock Option (right to buy)	\$ 14.02	11/13/2013	M	4,688 <u>(2)</u>	07/29/2012	07/29/2018	Common Stock	4,688	
Employee Stock Option (right to buy)	\$ 11.21	11/13/2013	M	6,563 <u>(2)</u>	07/21/2013	07/21/2019	Common Stock	6,563	
Employee Stock Option (right to buy)	\$ 12.77	11/13/2013	M	3,281 <u>(2)</u>	10/24/2012	10/27/2022	Common Stock	3,281	
Employee Stock Option (right to buy)	\$ 13.85	11/13/2013	M	7,875 <u>(2)</u>	07/20/2012	07/20/2020	Common Stock	7,875	
Employee Stock Option (right to buy)	\$ 12.44	11/13/2013	M	7,874 <u>(2)</u>	07/22/2013	07/22/2021	Common Stock	7,874	
Employee Stock Option (right to buy)	\$ 15.65	11/13/2013	M	1,010 <u>(2)</u>	02/16/2013	02/16/2020	Common Stock	1,010	
Employee Stock Option (right to buy)	\$ 15.65	11/14/2013	M	2,928 <u>(2)</u>	02/16/2013	02/16/2020	Common Stock	2,928	
Employee Stock Option (right to buy)	\$ 16.25	11/14/2013	M	7,875 <u>(2)</u>	04/20/2013	04/20/2020	Common Stock	7,875	
	\$ 14.5	11/14/2013	M		10/26/2013	10/26/2020		3,937	



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Securities and Exchange Commission, upon request, full information regarding each separate price within the ranges set forth in this footnote.

- (7) The option represents a right to purchase a total of 15,750 shares, became exercisable in four equal annual installments beginning on 10/26/2012, which was the first anniversary of the date on which the option was granted. As of the transaction date, the option has vested as to a total of \$7,874 shares, 3,937 of which remain unexercised
- (8) The option represents a right to purchase a total of 22,144 shares, which became exercisable on 1/3/2013. As of the transaction date, the option has vested as to a total of 22,144 shares, 3,960 of which remain unexercised.
- (9) The option represents a right to purchase a total of 12,195 shares, became exercisable in four equal annual installments beginning on 10/27/2010, which was the first anniversary of the date on which the option was granted. As of the transaction date, the option has vested as to a total of 12,195 shares, 2,352 of which remain unexercised.
- (10) The option represents a right to purchase a total of 11,812 shares, became exercisable in three equal annual installments beginning on 2/16/2011, which was the first anniversary of the date on which the option was granted. As of the transaction date, the option has vested as to a total of 11,812 shares, 2,928 of which remain unexercised.
- (11) The option represents a right to purchase a total of 15,750 shares, became exercisable in four equal annual installments beginning on 10/26/2011, which was the first anniversary of the date on which the option was granted. As of the transaction date, the option has vested as to a total of 11,812 shares, 3,938 of which remain unexercised.

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.