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

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

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# STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person <sup>*</sup>	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer				
		(Check all applicable)				
Minnix Lanesha	ADVANCED ENERGY INDUSTRIES					
	INC [ AEIS ]	X_Director10% Owner				
(Last) (First) (Middle)	3. Date of Earliest Transaction (MM/DD/YYYY)	Officer (give title below) Other (specify below)				
1595 WYNKOOP STREET, SUITE 800	4/30/2021					
(Street)	4. If Amendment, Date Original Filed (MM/DD/YYYY)	6. Individual or Joint/Group Filing (Check Applicable Line)				
DENVER, CO 80202 (City) (State) (Zip)		X _ Form filed by One Reporting Person Form filed by More than One Reporting Person				

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

(Instr. 3) Execution (Instr. 8) or Disposed of (D) Following Reported Transaction(s) Ownership of		-					•	· ·			-
Code     V     Amount     (A) or (D)     Price     or Indirect (1) (Instr. 4)     or		2. Trans. Date	Execution	(Instr. 8)		or Disposed of (D)			Following Reported Transaction(s)	Ownership Form:	Beneficial
Code     V     Amount     (D)     Price							(A) or			or Indirect	
Common Stock         4/30/2021         A         1813 (1)         A         \$0.00         3585         D				Code	v	Amount		Price		(1) (11su . 4)	
	Common Stock	4/30/2021		Α		1813 <u>(1)</u>	Α	\$0.00	3585	D	
Common Stock         5/3/2021         S         620 (2)         D         \$111.56         2965 (3)         D	Common Stock	5/3/2021		S		620 <sup>(2)</sup>	D	\$111.56	<u>2965 <sup>(3)</sup></u>	D	

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

1. Title of Derivate	2.	3. Trans.	3A. Deemed	4. Trans. 0						7. Tit	le and Amount of	8. Price of	9. Number of	10.	11. Nature
Security	Conversion	Date	Execution	(Instr. 8)		Derivative	Securities	Expiration I	Date	Secur	ities Underlying	Derivative	derivative	Ownership	of Indirect
(Instr. 3)	or Exercise		Date, if any			Acquired (	A) or			Deriv	ative Security	Security	Securities	Form of	Beneficial
	Price of					Disposed o	f (D)			(Instr	3 and 4)	(Instr. 5)	Beneficially	Derivative	Ownership
	Derivative					(Instr. 3, 4	and 5)						Owned	Security:	(Instr. 4)
	Security												Following	Direct (D)	
								Date	Expiration		Amount or Number of		Reported	or Indirect	
								Exercisable	Date	Title	Amount or Number of Shares		Transaction(s)	(I) (Instr.	
				Code	V	(A)	(D)						(Instr. 4)	4)	

#### **Explanation of Responses:**

- (1) The restricted stock units granted on April 30, 2021 will vest 100% at the first anniversary date of the grant date. This is an annual non-employee director grant as outlined in the 2021 proxy.
- (2) The sales reported in this Form 4 were effective pursuant to a Rule 10b5-1 plan adopted by the reporting person February 15, 2021.
- (3) Represents 1,813 shares of unvested restricted stock units and 1,152 shares of common stock.

### **Reporting Owners**

Reporting Owner Name / Address	Relationships							
Reporting Owner Name / Address	Director	10% Owner	Officer	Other				
Minnix Lanesha 1595 WYNKOOP STREET, SUITE 800 DENVER, CO 80202	X							

## Signatures

/s/ Steven Mason - Attorney-in-Fact

5/4/2021

Signature of Reporting Person

Date

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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.