UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): December 18, 2019

Advanced Energy Industries, Inc. (Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)	000-26966 (Commission File Number)	84-0846841 (IRS Employer Identification No.)
1625 Sharp Point Drive, Fort Collins, Colorado (Address of principal executive offices)		80525 (Zip Code)
(Registra	(970) 221-4670 nt's telephone number, including a	rea code)
(Former name	Not applicable or former address, if changed since	ee last report)
Check the appropriate box below if the Forn registrant under any of the following provisi		atisfy the filing obligation of the
☐ Written communications pursuant to R	ule 425 under the Securities Act (17 CFR 2	230.425)
☐ Soliciting material pursuant to Rule 14	a-12 under the Exchange Act (17 CFR 240	.14a-12)
☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))		
☐ Pre-commencement communications p	ursuant to Rule 13e-4(c) under the Exchan	ge Act (17 CFR 240.13e-4(c))
Securities registered pursuant to Section 12(o) of the Act:	
Title of each class Common Stock, \$0.001 par value	Trading Symbol(s) AEIS	Name of each exchange on which registered NASDAQ Global Select Market
Indicate by check mark whether the registrar 1933 (17 CFR \S 230.405) or Rule 12b-2 of the company \square		
If an emerging growth company, indicate by complying with any new or revised financial	-	-

Item 8.01 Other Events

On December 18, 2019, the Board of Directors of Advanced Energy Industries, Inc. (the "Company") authorized to remove the expiration date to the Company's share repurchase program previously announced on September 16, 2015 (the "Share Repurchase Program") and increase the authorized amount by \$25.1 million. As of December 18, 2019, the Company is now authorized to repurchase shares of the Company's common stock of up to a total of \$50.0 million, when combining the new authorization with the remaining amount of \$24.9 million previously authorized under the Share Repurchase Program. The Share Repurchase Program, which was set to expire on December 31, 2019, is no longer subject to an expiration date. Repurchases under the Share Repurchase Program may be made from time-to-time in the public or private markets, through block trades, Rule 10b5-1 trading plans or other available means and may include the use of derivative contracts and structured and accelerated share repurchase agreements, all in accordance with applicable securities and other laws, including the Securities Exchange Act of 1934, as amended. There is no minimum number of shares required to be repurchased under the Share Repurchase Program, and the Share Repurchase Program may be suspended or discontinued at any time. The Company cannot predict when or if it will repurchase any shares as such repurchases will depend on a number of factors, including constraints specified in any Rule 10b5-1 trading plans, price, general business and market conditions, and alternative investment opportunities. Information regarding share repurchases will be available in the Company's periodic reports on Form 10-Q and 10-K filed with the Securities and Exchange Commission.

This Current Report on Form 8-K contains forward-looking statements made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, including forward-looking statements regarding the Share Repurchase Program. These statements are neither promises nor guarantees and involve risks and uncertainties that could cause actual results to differ materially from those stated or implied by the forward-looking statements, including, without limitation, risks relating to the Company's ability to implement and make appropriate, timely and beneficial decisions as to when, how and if to purchase shares under the Share Repurchase Program; and other risks described in the Company's filings with the Securities and Exchange Commission.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

/s/ Paul Oldham

Paul Oldham

Date: December 20, 2019

Chief Financial Officer & Executive Vice President