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

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**SCHEDULE 14A**

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**Proxy Statement Pursuant to Section 14(a) of  
the Securities Exchange Act of 1934  
(Amendment No. )**

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material Pursuant to §240.14a-12

**ADVANCED ENERGY INDUSTRIES, INC.**

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- No fee required.
  - Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
    - (1) Title of each class of securities to which transaction applies: \_\_\_\_\_
    - (2) Aggregate number of securities to which transaction applies: \_\_\_\_\_
    - (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined): \_\_\_\_\_
    - (4) Proposed maximum aggregate value of transaction: \_\_\_\_\_
    - (5) Total fee paid: \_\_\_\_\_
  - Fee paid previously with preliminary materials.
  - Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.
    - (1) Amount Previously Paid: \_\_\_\_\_
    - (2) Form, Schedule or Registration Statement No.: \_\_\_\_\_
    - (3) Filing Party: \_\_\_\_\_
    - (4) Date Filed: \_\_\_\_\_
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**Important Notice Regarding the Availability of Proxy Materials for the Stockholder Meeting to be held on May 3, 2018, for Advanced Energy Industries, Inc.**

This communication presents only an overview of the more complete proxy materials that are available to you on the Internet and is not a form for voting. We encourage you to access and review all of the important information contained in the proxy materials before voting. To view the proxy statement and annual report, go to [www.proxydocs.com/aeis](http://www.proxydocs.com/aeis). To submit your vote while visiting this site, you will need the 12 digit control number in the box below.

Under new United States Securities and Exchange Commission rules, proxy materials do not have to be delivered in paper. Proxy materials can be distributed by making them available on the Internet. We have chosen to use these procedures for our 2018 Annual Meeting and need YOUR participation.

*If you want to receive a paper or e-mail copy of the proxy materials, you must request one. There is no charge to you for requesting a copy. In order to receive a paper package in time for this year's annual meeting, please make this request on or before April 23, 2018.*

**View Proxy Materials and Annual Report Online at  
[www.proxydocs.com/aeis](http://www.proxydocs.com/aeis)  
A convenient way to view proxy materials and VOTE!**

Have the 12 digit control number available when you access the website and follow the instructions.

Material may be requested by one of the following methods:

  
INTERNET  
[www.investorelections.com/aeis](http://www.investorelections.com/aeis)

  
TELEPHONE  
(866) 648-8133

  
\*E\_MAIL  
[paper@investorelections.com](mailto:paper@investorelections.com)

**You must use the 12 digit control number located in the shaded gray box below.**

ACCOUNT NO.

SHARES

**Advanced Energy Industries, Inc. Notice of Annual Meeting**



Date: Thursday, May 3, 2018  
Time: 9:00 AM (Mountain Daylight Time)  
Place: 1625 Sharp Point Drive, Fort Collins, CO 80525

The purpose of the Annual Meeting is to take action on the proposals listed below.

**The Board of Directors recommends that you vote "FOR" the following proposals:**

- Election of 7 Directors.  
**Nominees:** 01 Frederick A. Ball      03 Ronald C. Foster      05 Thomas M. Rohrs      07 Yuval Wasserman  
02 Grant H. Beard      04 Edward C. Grady      06 John A. Roush
- Ratification of the appointment of Grant Thornton LLP as Advanced Energy's independent registered public accounting firm for 2018.
- Advisory approval of Advanced Energy's compensation of its named executive officers

Should you require directions to the annual meeting, please call (970) 221-4670

**Vote in Person Instructions:** While we encourage shareholders to vote by the means indicated above, a shareholder is entitled to vote in person at the annual meeting. Additionally, a shareholder who has submitted a proxy before the meeting, may revoke that proxy in person at the annual meeting.