

(Former
name or
former
address, if
changed
since last
report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-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 pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 5.07 Submission of Matters to a Vote of Security Holders.

Advanced Energy Industries, Inc. (the "Company") held its 2016 Annual Meeting of Stockholders on Thursday, May 5, 2016 to vote on four proposals. The following matters set forth on the Proxy Statement dated March 10, 2016, which was filed with the Securities and Exchange Commission pursuant to Regulation 14A under the Securities Exchange Act of 1934, were voted upon with the results indicated below.

1. Election of six (6) directors.

The following six nominees were elected to serve as directors of the Company, with the following votes tabulated:

| | For | Withhold | Broker Non-Vote |
|-------------------|------------|----------|-----------------|
| Frederick A. Ball | 36,600,853 | 357,515 | 1,918,741 |
| Grant H. Beard | 35,599,425 | 358,943 | 1,918,741 |
| Ronald C. Foster | 35,104,368 | 854,000 | 1,918,741 |
| Edward C. Grady | 35,599,814 | 358,554 | 1,918,741 |
| Thomas M. Rohrs | 35,599,998 | 358,370 | 1,918,741 |
| Yuval Wasserman | 35,732,821 | 225,547 | 1,918,741 |

Each director has been elected to serve until the 2017 Annual Meeting of Stockholders, or until his successor has been elected and qualified or until such director's earlier resignation or removal.

2. Ratification of the appointment of Grant Thornton LLP as Advanced Energy's independent registered public accounting firm for 2016.

The appointment of Grant Thornton LLP as the Company's independent registered public accounting firm for 2016 was ratified as follows:

| For | Against | Abstain | Broker Non-Vote |
|------------|-----------|---------|-----------------|
| 36,615,797 | 1,252,212 | 9,100 | — |

3. Advisory approval on the Company's executive compensation.

The compensation of the Company's named executive officers, as disclosed in the proxy statement, was approved on an advisory basis as follows:

| For | Against | Abstain | Broker Non-Vote |
|------------|---------|---------|-----------------|
| 35,802,759 | 126,085 | 29,524 | 1,918,741 |

4. Any other matters of business properly brought before the meeting.

None.

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.

Date: May 5, 2016

/s/ Thomas
O.
McGimpsey
Thomas O.
McGimpsey
Executive
Vice
President,
General
Counsel and
Corporate
Secretary