

ADVANCED ENERGY INDUSTRIES INC

Form 8-K

April 25, 2007

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): April 25, 2007

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)

Registrant's telephone number, including area code: **(970) 221-4670**

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 2.02 Results of Operations and Financial Condition.

The information in this Form 8-K that is furnished under Item 2.02, Results of Operations and Financial Condition and Exhibit 99.1 attached hereto shall not be deemed filed for purposes of Section 18 of the Securities Act of 1934, nor shall they be deemed incorporated by reference in any filing under the Securities Act of 1933, except as shall be expressly set forth by specific reference in such filing.

On April 25, 2007, Advanced Energy Industries, Inc. announced via press release its financial results for the first quarter ended March 31, 2007. A copy of the press release is furnished with this Current Report on Form 8-K as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.

(d) The following exhibit is furnished pursuant to Item 2.02:

99.1 Press release dated April 25, 2007 by Advanced Energy Industries, Inc., reporting its financial results for the first quarter ended March 31, 2007.

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.

Advanced Energy Industries, Inc.

/s/ Lawrence D. Firestone

Lawrence D. Firestone

Executive Vice President & Chief Financial Officer

Date: April 25, 2007

EXHIBIT INDEX

| Exhibit No. | Description |
|-------------|---|
| 99.1 | Press release dated April 25, 2007 by Advanced Energy Industries, Inc., reporting its financial results for the first quarter ended March 31, 2007. |