

ADVANCED ENERGY INDUSTRIES INC  
Form 8-K  
October 14, 2011

**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): October 13, 2011**

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

<b>Delaware</b> (State or other Jurisdiction of Incorporation)	<b>000-26966</b> (Commission File Number)	<b>84-0846841</b> (IRS Employer Identification No.)
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<b>1625 Sharp Point Drive, Fort Collins, Colorado</b> (Address of Principal Executive Offices)	<b>80525</b> (Zip Code)
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Registrant's telephone number, including area code: **(970) 221-4670**

(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:

- 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))

**Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.**

On October 13, 2011, Gregg Patterson resigned as President of the Solar Energy Business Unit of Advanced Energy Industries, Inc. (the "*Company*") for personal family reasons. Mr. Patterson and the Company's Solar Energy subsidiary have entered into a Separation and Release Agreement dated October 13, 2011 (the "*Separation Agreement*"), under which Mr. Patterson will receive a lump sum separation payment of \$90,000. Mr. Patterson's receipt of the separation payment is contingent upon him providing a full release of claims for the benefit of the Company and its affiliates, as well as expiration of the statutory revocation period applicable to the Separation Agreement without the agreement being revoked. Pursuant to the Separation Agreement, Mr. Patterson will continue to provide transition services from October 14, 2011 through February 15, 2012. Mr. Patterson's participation in the Company's other benefit plans will be terminated as of February 15, 2012. The Separation Agreement also contains other customary terms related to confidentiality and a 2 year non-competition and non-solicitation provision. The foregoing is a summary of the material terms of the Separation Agreement. Charles Loarridge, a Vice President of the Company, will lead the Solar Energy Business Unit.

**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.

Date: October 13, 2011

/s/ Thomas O. McGimpsey  
Thomas O. McGimpsey  
Executive Vice President of Corporate Development,  
General Counsel & Corporate Secretary