

ADVANCED ENERGY INDUSTRIES INC
Form DEF 14A
March 20, 2013

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 14A

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:

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(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:

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(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:

(4) Date Filed:

NOTICE OF ANNUAL MEETING OF STOCKHOLDERS

To Be Held May 1, 2013

To Our Stockholders:

The 2013 Annual Meeting of Stockholders of Advanced Energy Industries, Inc. (Advanced Energy or the Company) will be held on Wednesday, May 1, 2013, at 10:00 a.m. Mountain Daylight Time, at Advanced Energy's corporate offices, 1625 Sharp Point Drive, Fort Collins, Colorado 80525. At the meeting, you will be asked to vote on the following matters:

1. Election of seven (7) directors.
2. Ratification of the appointment of Grant Thornton LLP as Advanced Energy's independent registered public accounting firm for 2013.
3. Advisory approval on the Company's executive compensation.
4. Any other matters of business properly brought before the meeting.

Each of the matters 1 through 3 is described in detail in the accompanying proxy statement, dated March 22, 2013.

If you owned common stock of Advanced Energy at the close of business on Monday, March 4, 2013, you are entitled to receive this notice and to vote at the meeting.

All stockholders are cordially invited to attend the meeting in person. If you do not plan to attend the meeting and vote your shares of common stock in person, please authorize a proxy to vote your shares in one of the following ways:

Use the toll-free telephone number shown on your proxy card (this call is toll-free, if made in the United States or Canada);

Go to the website address shown on your proxy card and authorize a proxy via the Internet; or

Mark, sign, date and promptly return the enclosed proxy card in the postage-paid envelope.
Any proxy may be revoked at any time prior to its exercise at the annual meeting.

By Order of the Board of Directors,

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

Fort Collins, Colorado

March 22, 2013

YOUR VOTE IS IMPORTANT

Date: March 22, 2013
To: Our Stockholders
From: Garry W. Rogerson
Subject: Invitation to Our 2013 Annual Meeting of Stockholders
Please come to our 2013 Annual Meeting of Stockholders to learn about Advanced Energy, what we have accomplished in the last year and our plans for 2013. The meeting will be held:

Wednesday, May 1, 2013

10:00 a.m. Mountain Daylight Time

Advanced Energy's Corporate Offices

1625 Sharp Point Drive

Fort Collins, Colorado 80525

This proxy statement describes the matters that management of Advanced Energy intends to present to the stockholders for approval at the annual meeting. Accompanying this proxy statement are Advanced Energy's 2012 Annual Report to Stockholders and a form of proxy. All voting on matters presented at the annual meeting will be by proxy or by ballot in person, in accordance with the procedures described in this proxy statement. Instructions for voting are included in the proxy statement. Your proxy may be revoked at any time prior to the meeting in the manner described in this proxy statement.

IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE ANNUAL MEETING OF STOCKHOLDERS TO BE HELD ON MAY 1, 2013:

This notice for the annual meeting, the proxy statement, the proxy card, and the 2012 Annual Report, including the Annual Report on Form 10-K are available online at: www.proxydocs.com/aeis.

Garry W. Rogerson

Chief Executive Officer

This proxy statement and the accompanying proxy card are first being sent to stockholders on or about March 22, 2013.

GENERAL

This proxy statement and the accompanying materials are being sent to stockholders of Advanced Energy as part of a solicitation for proxies for use at the 2013 Annual Meeting of Stockholders. The Board of Directors of Advanced Energy (the Board of Directors or the Board) is making this solicitation for proxies. By delivering the enclosed proxy card by any of the methods described on the card, you will appoint each of Garry W. Rogerson and Thomas O. McGimpsey as your agent and proxy to vote your shares of common stock at the meeting. In this proxy statement, proxy holders refers to Messrs. Rogerson and McGimpsey in their capacities as your agents and proxies.

Advanced Energy's principal executive offices are located at 1625 Sharp Point Drive, Fort Collins, Colorado 80525. The telephone number is (970) 221-4670.

Proposals

We intend to present three (3) proposals to the stockholders at the meeting:

1. Election of seven (7) directors.
2. Ratification of the appointment of Grant Thornton LLP as Advanced Energy's independent registered public accounting firm for 2013.
3. Advisory approval on the Company's executive compensation.

We do not know of any other matters to be submitted to the stockholders at the meeting. If any other matters properly come before the meeting, the proxy holders intend to vote the shares they represent as the Board of Directors may recommend. The proposed corporate actions on which the stockholders are being asked to vote at the annual meeting are not corporate actions for which stockholders of a Delaware corporation have the right to exercise appraisal rights under the Delaware General Corporation Law.

Record Date and Share Ownership

If you owned shares of Advanced Energy common stock in your name as of the close of business on Monday, March 4, 2013, you are entitled to vote on the proposals that are presented at the meeting. On that date, which is referred to as the record date for the meeting, 39,109,000 shares of Advanced Energy common stock were issued and outstanding and were held by approximately 468 stockholders of record, according to the records of American Stock Transfer & Trust Company, Advanced Energy's transfer agent.

Voting Procedures

Each share of Advanced Energy common stock that you hold entitles you to one vote on each of the proposals that are presented at the annual meeting. The inspector of the election will determine whether or not a quorum is present at the annual meeting. A quorum will be present at the meeting if a majority of the shares of common stock entitled to vote at the meeting are represented at the meeting, either by proxy or by the person who owns the shares. In the event there are not sufficient shares present for a quorum or to approve any proposals at the time of the annual meeting, the annual meeting may be adjourned in order to permit further solicitation of proxies. Advanced Energy's transfer agent will deliver a report to the inspector of election in advance of the annual meeting, tabulating the votes cast by proxies returned to the transfer agent. The inspector of election will tabulate the final vote count, including the votes cast in person and by proxy at the meeting.

If a broker holds your shares, this proxy statement and a proxy card have been sent to the broker. You may have received this proxy statement directly from your broker, together with instructions as to how to direct the broker concerning how to vote your shares. Under the rules for Nasdaq-listed companies, brokers cannot vote on certain matters without instructions from you. If you do not give your broker instructions or discretionary

authority to vote your shares on such matters and your broker returns the proxy card without voting on a proposal, your shares will be recorded as broker non-votes with respect to the proposals on which the broker does not vote.

Broker non-votes and abstentions will be counted as present for purposes of determining whether a quorum is present. If a quorum is present, directors will be elected by a plurality of the votes present and each of the other matters described in this proxy statement will be approved by a majority of the votes cast on the proposal. Broker non-votes and abstentions will have no effect on the outcome of any of the matters described in this proxy statement. Cumulative voting shall not be allowed in the election of directors or any of the proposals being submitted to the stockholders at the annual meeting.

The following table reflects the vote required for each proposal and the effect of broker non-votes and abstentions on the vote, assuming a quorum is present at the meeting:

Proposal	Vote Required	Effect of Broker Non-Votes and Abstentions
Election of seven (7) directors	The seven (7) nominees who receive the most votes will be elected	No effect
Ratification of the appointment of Grant Thornton LLP as Advanced Energy's independent registered public accounting firm for 2013	Majority of the shares present at the meeting (by proxy or in person) and voting For or Against the proposal	No effect
Advisory approval on the Company's executive compensation	This is an advisory vote which is not binding	No effect

If any other proposals are properly presented to the stockholders at the meeting, the number of votes required for approval will depend on the nature of the proposal. Generally, under Delaware law and the By-laws of Advanced Energy, the number of votes that may be required to approve a proposal is either a majority of the shares of common stock represented at the meeting and entitled to vote, or a majority of the shares of common stock represented at the meeting and casting votes either for or against the matter being considered. The enclosed proxy card gives discretionary authority to the proxy holders to vote on any matter not included in this proxy statement that is properly presented to the stockholders at the annual meeting.

Costs of Solicitation

Advanced Energy will bear the costs of soliciting proxies in connection with the annual meeting. In addition to soliciting your proxy by this mailing, proxies may be solicited personally or by telephone or facsimile by some of Advanced Energy's directors, officers and employees, without additional compensation. We may reimburse our transfer agent, American Stock Transfer & Trust Company, our proxy agent, Mediant Communications, brokerage firms and other persons representing beneficial owners of Advanced Energy common stock for their expenses in sending proxies to the beneficial owners. We do not currently intend to retain a professional solicitor to assist in the solicitation of proxies, however, we may later elect to do so.

Delivery and Revocability of Proxies

You may vote your shares either by (i) marking the enclosed proxy card and mailing it in the enclosed postage prepaid envelope, (ii) voting online at www.proxypush.com/aeis, or (iii) voting by telephone at (866) 390-9955. If you mail your proxy, please allow sufficient time for it to be received in advance of the annual meeting.

If you deliver your proxy and change your mind before the meeting, you may revoke your proxy by delivering notice to our Corporate Secretary at Advanced Energy Industries, Inc., 1625 Sharp Point Drive, Fort Collins, Colorado 80525, stating that you wish to revoke your proxy or by delivering another proxy with a later date. You may vote your shares by attending the meeting in person but, if you have delivered a proxy before the meeting, you must revoke it before the meeting begins. Attending the meeting will not automatically revoke your previously-delivered proxy.

Delivery of Documents to Stockholders Sharing an Address

If two or more stockholders share an address, Advanced Energy may send a single copy of this proxy statement and other soliciting materials, as well as the 2012 Annual Report to Stockholders, to the shared address, unless Advanced Energy has received contrary instructions from one or more of the stockholders sharing the address. If a single copy has been sent to multiple stockholders at a shared address, Advanced Energy will deliver a separate proxy card for each stockholder entitled to vote. Additionally, Advanced Energy will send an additional copy of this proxy statement, other soliciting materials and the 2012 Annual Report to Stockholders, promptly upon oral or written request by any stockholder to Investor Relations, Advanced Energy Industries, Inc., 1625 Sharp Point Drive, Fort Collins, Colorado 80525; telephone number (970) 221-4670. If any stockholders sharing an address receive multiple copies of this proxy statement, other soliciting materials and the 2012 Annual Report to Stockholders and would prefer in the future to receive only one copy, such stockholders may make such request to Investor Relations at the same address or telephone number.

PROPOSAL NO. 1**ELECTION OF DIRECTORS**

A board of seven (7) directors is to be elected at the annual meeting. Trung T. Doan has informed the Company that he will not stand for re-election. Mr. Doan's decision not to stand for re-election is not the result of any disagreement with the company on any matter relating to the company's operations, policies or practices. The Board of Directors has nominated for election the persons listed below. Each nominee was recommended by our Nominating and Governance Committee. Each of the nominees is currently a director of Advanced Energy. In the event that any nominee is unable to or declines to serve as a director at the time of the meeting, the proxy holders will vote in favor of a nominee designated by the Board of Directors, on recommendation by the Nominating and Governance Committee to fill the vacancy. We are not aware of any nominee who will be unable or who will decline to serve as a director. The term of office of each person elected as a director at the meeting will continue from the end of the meeting until the next Annual Meeting of Stockholders (expected to be held in the year 2014), or until a successor has been elected and qualified or until such director's earlier resignation or removal. By a resolution of the Board of Directors, the size of the Board was reduced from eight (8) to seven (7) members.

NOMINEES

Name	Age	Director Since	Principal Occupation and Business Experience
Douglas S. Schatz	67	1981	Douglas S. Schatz is a co-founder of Advanced Energy and has been its Chairman since its incorporation in 1981. From 1981 through July 2005, Mr. Schatz also served as our Chief Executive Officer. From 1981 through July 1999 and from March 2001 through July 2005, he also served as our President. Mr. Schatz was a director of Abound Solar (fka AVA Solar), a private thin-film solar panel manufacturer, and served as interim CEO of Abound Solar from June 2009 to January 2010 and chairman of the board of Abound Solar from January 2010 to November 2011. Mr. Schatz is currently on the boards of several additional private companies and organizations, both for-profit and non-profit.
Frederick A. Ball	50	2008	Frederick A. Ball is the Chief Financial Officer of Marketo, a revenue performance management company, a position he has held since May 2011. Prior to Marketo, Mr. Ball was the Chief Financial Officer of Webroot Software, a leading provider of software security solutions, a position he had held from June 2008 to April 2011. From August 2004 to November 2007, Mr. Ball was the Senior Vice President and Chief Financial Officer of BigBand Networks, a provider of digital video networking platforms. From September 2003 until May 2004, Mr. Ball served as Chief Operating Officer of CallTrex Corporation, a provider of customer service solutions. Prior to his employment with CallTrex, he was employed with Borland Software Corporation, a provider of enterprise software development solutions, from September 1999 until July 2003. Prior to his employment with Borland, Mr. Ball served as Vice President, Mergers and Acquisitions for KLA-Tencor, a supplier of process control and yield management solutions for the semiconductor and related microelectronics industries, and prior to that as its Vice President of Finance. Mr. Ball was an accountant with PricewaterhouseCoopers for over 10 years. Mr. Ball has been a director of Electro Scientific Industries, Inc., a publicly held technology company, since 2003 and is a member of its audit committee.

Name	Age	Director Since	Principal Occupation and Business Experience
Richard P. Beck	79	1995	<p>Richard P. Beck joined Advanced Energy in March 1992 as Vice President and Chief Financial Officer and became Senior Vice President in February 1998. In October 2001, Mr. Beck retired from the position of Chief Financial Officer, but remained as a Senior Vice President of the Company until May 2002. Mr. Beck was chairman of the board of Applied Films Corporation, a publicly held manufacturer of flat panel display equipment, until August 2006 when it was acquired by Applied Materials, and he had served on Applied Films audit and nominating and governance committees. From 2001 to 2011, Mr. Beck was a director of TTM Technologies, Inc., a publicly held manufacturer of printed circuit boards, and served as a member of TTM Technologies' nominating and governance committee and had been chairman of its audit committee. From August 2010 to February 2012, Mr. Beck served as a director of SemiLEDs, Inc., a publicly held manufacturer of LED chips, and was chairman of its audit committee and chairman of its nominating and governance committee. Mr. Beck was a director of Photon Dynamics, Inc., a publicly held manufacturer of semiconductor test equipment, from September 2000 to October 2004 and was chairman of its audit committee.</p>
Garry W. Rogerson	60	2011	<p>Garry W. Rogerson joined Advanced Energy in August 2011 as our Chief Executive Officer and Board member. Mr. Rogerson was Chairman from 2009 and Chief Executive Officer from 2004 of Varian, Inc., a major supplier of scientific instruments and consumable laboratory supplies, vacuum products and services, until the purchase of Varian by Agilent Technologies, Inc. in May 2010. Mr. Rogerson served as Varian's Chief Operating Officer from 2002 to 2004. Mr. Rogerson received an honours degree and Ph.D. in biochemistry from the University of Kent at Canterbury. In 2012, Mr. Rogerson received an honorary Doctor of Science degree from the University of Kent at Canterbury. Mr. Rogerson is also the chairman of Coherent, Inc., a publicly held laser product manufacturer, a position he has held since 2007.</p>

Name	Age	Director Since	Principal Occupation and Business Experience
Edward C. Grady	65	2008	Edward C. Grady is currently Chairman and Chief Executive Officer of Reel Solar, an early stage start-up company focused on low cost PV Solar panel production where he has been since May 2010. Mr. Grady retired in October 2007 from his position as President and Chief Executive Officer of Brooks Automation, a publicly held provider of automation solutions to the global semiconductor and other complex manufacturing industries, including clean tech and data storage. Prior to joining Brooks Automation in February 2003, he ran multiple divisions at KLA-Tencor, a publicly held process control company, and had served as Chief Executive Officer of Hoya Micro Mask Inc., a supplier of photo masks and services to the semiconductor industry. Mr. Grady began his career as an engineer for Monsanto/MEMC and, during his 14 years with the company, rose to the position of Vice President of Worldwide Sales for EPI, a division of MEMC. Mr. Grady currently serves on the boards of directors of Electro Scientific Industries, Inc., a supplier of production equipment for micro-engineering applications and Clmetrix, a supplier of tool control and connectivity software. Mr. Grady also served on the board of directors Brooks Automation from 2003 to 2008, Evergreen Solar, Inc. from 2005 to 2011, and Verigy Ltd. From 2007 to 2011.
Terry Hudgens	58	2010	Terry Hudgens had been a special advisor to Iberdrola Renewables, Inc., a leading provider of renewable energy from November 2008 to December 2012. From April 2007 until his retirement in November 2008, Mr. Hudgens served as president and chief executive officer of Iberdrola Renewables U.S. and Canadian energy businesses. Mr. Hudgens joined Iberdrola in connection with Iberdrola's acquisition of PPM Energy, the U.S. subsidiary of Scottish Power plc, an electricity distributor and wind power producer, where he had served as President and Chief Executive Officer since May 2001. Prior to joining PPM Energy, Mr. Hudgens served in various management and operations positions with a number of utilities and energy companies, including PacifiCorp and Texaco Inc.

Name	Age	Director Since	Principal Occupation and Business Experience
Thomas M. Rohrs	62	2006	Thomas M. Rohrs has been the Chief Executive Officer of Skyline Solar, a solar equipment manufacturer, since June 2010. Mr. Rohrs had been an advisor and consultant to a number of companies, both public and private, including renewable energy companies from February 2009 to June 2010. From April 2006 to February 2009, Mr. Rohrs served as Chief Executive Officer and Chairman of the Board of Electroglas, Inc., a then public supplier of wafer probers and software solutions for the semiconductor industry. In July 2009, Electroglas filed a voluntary petition under Chapter 11 of the U.S. Bankruptcy Code, citing the dramatic decline in semiconductor manufacturing equipment resulting from the global economic recession. In August 2009, Mr. Rohrs began serving as Interim Chief Executive Officer of Electroglas, which subsequently has sold substantially all of its assets. From December 2004 to March 2011, Mr. Rohrs served as a director of Electroglas. From 1997 to 2002, Mr. Rohrs was with Applied Materials, Inc., a semiconductor equipment company, most recently as Senior Vice President of Global Operations, and served as a member of Applied s executive committee. Mr. Rohrs serves on the board of directors of Vignani Technologies Pvt. Ltd., a engineering services company and Intevac, Inc., a publicly held leading supplier of magnetic media processing systems and Ichor Systems a private technology equipment provider. Mr. Rohrs served on the board of directors of Magma Design Automation, Inc., a publicly held electronic design automation software and design services company, from July 2003 to March 2012. Mr. Rohrs served on the board of Seque Manufacturing Services, a private manufacturing services company, from 2008 to 2012. Mr. Rohrs served on the board of directors of Ultra Clean Holdings, Inc. from 2003 to 2008 and was a member of its compensation and nominating committees. Mr. Rohrs served as a director of Ion Systems, Inc., a then private electrostatic control company, from 2003 until January 2006 when Ion Systems was sold.

Director	Committee Membership		
	Audit and Finance	Nominating and Governance	Compensation
Frederick A. Ball	x		
Richard P. Beck	x	x	
Edward C. Grady		x	x
Terry Hudgens		x	x
Garry W. Rogerson			
Thomas M. Rohrs	x		x
Douglas S. Schatz			

The Board of Directors has determined that each of the nominees, other than Douglas S. Schatz and Garry W. Rogerson, is an independent director within the meaning of the Nasdaq Stock Market Rules. To be considered independent, the Board must affirmatively determine, among other things, that neither the director nor any immediate family member of the director has had any direct or indirect material relationship with the

Company within the last three years. The Board of Directors has made an affirmative determination that none of the independent directors has had any relationship with Advanced Energy or with another director that would interfere with the exercise of his independent judgment in carrying out his responsibilities as a director. In making this independence determination, the Board considered the potential effects of two of our directors concurrently providing management and consulting services to a company other than Advanced Energy, two of our directors concurrently serving on the board of directors of a company other than Advanced Energy and a proposed joint research effort between a company affiliated with one of our directors and Advanced Energy. The independent directors, if all of them are elected at the annual meeting, will constitute a majority of the Board of Directors. There is no family relationship amongst any of the directors and executive officers of the Company. The Company's executive officers serve at the discretion of the Board.

Qualifications

The Board respects its responsibility to provide oversight, counseling and direction to the management of the Company in the interest and for the benefit of the stockholders. Accordingly, it seeks to be comprised of directors with diverse skills, experience, qualifications and characteristics. It is critical that directors understand the markets in which the company operates, particularly in the semiconductor capital equipment and solar equipment industries. It is equally important that, collectively, the directors have successful experience in each of the primary aspects of our business, including engineering, research and development, finance and audit, product strategy and development, customer relations, supply chain management and sales and marketing. The following are certain qualifications, experience and skills for Board members which are important to the Company's business and its future:

Senior Leadership Experience. Directors who have served in senior leadership positions are important to the Company, as they bring experience and perspective in analyzing, shaping, and overseeing the execution of important operational and policy issues at a senior level. These directors' insights and guidance, and their ability to assess and respond to situations encountered in serving on our Board, may be enhanced if their leadership experience has been developed at businesses or organizations that operated on a global scale, faced significant competition, and/or involved technology or other rapidly evolving business models.

Public Company Board Experience. Directors who have served on other public company boards can offer advice and insights with regard to the dynamics and operation of a board of directors; the relations of a board to the CEO and other management personnel; the importance of particular agenda and oversight matters; and oversight of a changing mix of strategic, operational, and compliance-related matters.

Industry and Technical Expertise. Because the Company is a global leader in innovative power solutions for emerging, renewable-energy and IT markets, experience in relevant technology is useful in understanding the Company's research and development efforts, competing technologies, the various products and processes the Company develops, the manufacturing and assembly-and-test operations and the market segments in which the Company competes.

Global Expertise. Because the Company is a global organization with research and development, manufacturing, assembly and test facilities, and sales and other offices in many countries, directors with global expertise can provide a useful business and cultural perspective regarding many significant aspects of our business.

Financial Expertise. Knowledge of financial markets, financing and funding operations, and accounting and financial reporting processes is important because it assists the directors in understanding, advising and overseeing the Company's capital structure, financing and investing activities, financial reporting and internal control of such activities.

Douglas S. Schatz, our chairman, co-founder and former chief executive officer, brings to the Board significant experience in and a deep understanding of the thin-film equipment markets and of the Company itself.

Additionally, his more recent involvement in the solar equipment industry provides the Board with insight to this market and the technologies being developed. The Board and senior management also benefit from Mr. Schatz's technological and engineering perspective and understanding. In addition to his technical qualifications, Mr. Schatz's experience as Chief Executive Officer and President of the Company provides expertise in senior leadership and financial management. As a former chairman of the board of a solar panel manufacturer, Mr. Schatz also provides experience as a director on other boards.

Fred A. Ball brings to the board his extensive experience in senior management, operations, finance and auditing, as he is currently the Chief Financial Officer of a revenue performance management company and has served as Chief Financial Officer, Chief Operating Officer and Senior Vice President of various software providers. Mr. Ball's 10 years of expertise as an accountant with PricewaterhouseCoopers also provides finance and accounting expertise. In addition, he serves on another public company board and its audit committee. Mr. Ball's balance of experience enables him to work very productively with both the board and senior management, particularly on strategic, finance and audit and executive compensation matters.

Richard P. Beck brings to the Board significant knowledge of the Company's history and operations as he has been with the Company for 20 years. Mr. Beck served initially as our Chief Financial Officer and remained as a director following his retirement. Mr. Beck also has significant experience serving on other public company boards, including as chairman of a board, as chair of an audit committee and on nominations and corporate governance committees. Within the past several years, Mr. Beck has attended a number of corporate governance conferences and other educational programs. He has led the Board in establishing policies and procedures that have greatly improved the organization and functioning of the committees and the Board.

Edward C. Grady brings to the Board his knowledge and experience in both the semiconductor capital equipment and solar equipment industries, as he currently serves as Chairman and Chief Executive Officer of an early stage solar equipment company, and has served as Chief Executive Officer of two companies providing services to the semiconductor industry. He shares with the Board and senior management the insight and understanding he has developed from his leadership at several companies, including in the areas of product strategy and development, service and organizational development. Mr. Grady also currently serves on the board of other technology companies, providing cross-board experience.

Terry Hudgens, brings to the Board a wealth of experience in the renewable energy and utility industries. He provides the Board and senior management with insight in respect of these industries, including doing business with regulated entities in the U.S. and Europe. Mr. Hudgens also brings senior leadership experience, having served as President and Chief Executive Officer of a renewable energy company, in addition to various management and operations positions with a number of utilities and energy companies.

Garry W. Rogerson brings to the Board years of executive and management experience in the high technology industry, including serving as the chairman and chief executive officer of Varian, Inc., and his years of service as a director and Chairman of Coherent, Inc.

Thomas M. Rohrs brings to the Board executive management and operations experience in the semiconductor capital equipment industry, particularly in the areas of research and development, supply chain management and product development. The Board and senior management benefit from his strategic thinking and continued involvement in the semiconductor capital equipment and solar equipment industries. Mr. Rohrs also has significant experience serving on several other public company boards, where he has been Chairman of the Board, as well as a member of the compensation and nominating committees.

Involvement in Certain Legal Proceedings

Except as otherwise noted, during the past ten years none of the persons currently serving as executive officers and/or directors of the Company has been the subject matter of any of the following legal proceedings that are required to be disclosed pursuant to Item 401(f) of Regulation S-K including: (a) except with respect to

Mr. Rohrs, as more fully described in Mr. Rohrs' biography above, any bankruptcy petition filed by or against any business of which such person was a general partner or executive officer either at the time of the bankruptcy or within two years prior to that time; (b) any criminal convictions; (c) any order, judgment, or decree permanently or temporarily enjoining, barring, suspending or otherwise limiting his involvement in any type of business, securities or banking activities; (d) any finding by a court, the Securities and Exchange Commission or the Commodities Futures Trading Commission to have violated a federal or state securities or commodities law, any law or regulation respecting financial institutions or insurance companies, or any law or regulation prohibiting mail or wire fraud; or (e) any sanction or order of any self-regulatory organization or registered entity or equivalent exchange, association or entity. Further, no such legal proceedings are believed to be contemplated by governmental authorities against any director or executive officer.

Required Vote

The seven (7) nominees will be elected to the Board upon receipt of a favorable vote (**FOR**) of a plurality of the votes cast at the meeting. Stockholders do not have the right to cumulate their votes for the election of directors. Unless otherwise instructed, the proxy holders will vote the proxies received by them **FOR** each of the seven (7) nominees. Votes withheld from a nominee will be counted for purposes of determining whether a quorum is present, but will not be counted as an affirmative vote for such nominee.

The Board of Directors recommends a vote FOR the election of each of the nominees named above.

Director Compensation

Compensation for non-employee directors for the fiscal year ended December 31, 2012 was as follows:

\$45,000 annual retainer paid in equal quarterly installments in July, October, February and April;

An additional \$50,000 annual retainer for the Chair of the Board, paid in equal quarterly installments in July, October, February and April;

Annual retainer fees of \$26,000, \$15,000 and \$10,000 for the chairs of the Audit and Finance, Compensation and Nominating and Governance Committees, respectively;

Annual retainer fees of \$13,000, \$7,500 and \$5,000 for committee members of the Audit and Finance, Compensation and Nominating and Governance Committees, respectively;

10,000 restricted stock units to each non-employee director upon initial election or appointment to the Board, which units vest as to 25% of the underlying shares on each annual anniversary of the grant date until fully vested on the fourth anniversary of the grant date; and

8,000 restricted stock units annually to each non-employee director on the date of his re-election at the annual meeting, which units vest as to 100% of the underlying shares on the anniversary of the grant date.

The Compensation Committee established a guideline that (i) directors hold equity for a period of three (3) years subject to extraordinary events or departure from the Board and (ii) that a director should target a stock ownership guideline of three (3) times his or her annual cash retainer.

The following table shows director compensation information for 2012.

2012 Director Compensation

Name	Fee Earned or Paid in Cash (\$)	Stock Awards (\$) ⁽¹⁾⁽²⁾	Option Awards (\$) ⁽²⁾	Non-Equity Incentive Plan Compensation (\$)	Change in Pension Value and Nonqualified Deferred Compensation Earnings (\$)	All Other Compensation (\$)	Total (\$)
Douglas S. Schatz	95,000	108,000					203,000
Frederick A. Ball	71,000	108,000					179,000
Richard P. Beck	68,000	108,000					176,000
Trung T. Doan	65,500	108,000					173,500
Edward C. Grady	57,500	108,000					165,500
Garry W. Rogerson							
Thomas M. Rohrs	73,000	108,000					181,000
Terry Hudgens	57,500	108,000					165,500

(1) The amounts in this column reflect the grant date fair value of awards granted in 2012.

(2) As of December 31, 2012: (a) for Mr. Rogerson (related to CEO compensation) there are 306,800 outstanding options and 15,000 outstanding RSUs; (b) for Mr. Schatz there are 227,700 outstanding options and 8,000 outstanding RSUs; (c) for Mr. Beck there are 15,000 outstanding options and 12,500 outstanding RSUs; and (d) for each of Messrs. Rohrs, Doan, Grady, Ball, and Hudgens, there are 12,500 outstanding RSUs.

Board of Directors Meetings

The Board of Directors held 7 meetings in 2012. During the year, four executive sessions were held. In 2012, the Board of Directors had an Audit and Finance Committee, a Nominating and Governance Committee and a Compensation Committee. In 2012, each incumbent director attended at least 75% of the aggregate number of meetings of the Board of Directors (held during the period for which he was a director) and the committees (held during the period for which he served on such committees) on which he served.

Members of the Board of Directors are welcomed and encouraged, but not required, to attend the Company's annual stockholder meetings. The annual meeting held in May 2012 was attended in person or by telephone by four members of the Board of Directors.

Audit and Finance Committee**Composition and Meetings**

The Company has a separately-designated standing audit committee established in accordance with section 3(a)(58)(A) of the Securities Exchange Act of 1934, as amended. In 2012, the Audit and Finance Committee consisted of Messrs. Ball (Chairman), Beck, Doan and Rohrs. The Board determined that each of the members of the Audit and Finance Committee is independent in accordance with the Nasdaq Stock Market rules and the Securities Exchange Act of 1934, as amended. The Board of Directors has evaluated the credentials of Messrs. Beck and Ball and determined that they are audit committee financial experts as defined under the rules promulgated by the Securities and Exchange Commission (the SEC) rules. The Audit and Finance Committee met 5 times in 2012.

Policy on Audit and Finance Committee Approval of Audit and Permissible Non-Audit Services of the Independent Registered Public Accounting Firm

The Audit and Finance Committee approves all audit and permissible non-audit services provided by the independent registered public accounting firm. These services may include audit services, audit related services, tax services and other services. Approval is provided on a service-by-service basis. In 2012, the Audit and Finance Committee approved all of the audit services provided by Advanced Energy's independent registered public accounting firm.

Audit and Finance Committee Charter and Responsibilities

The Audit and Finance Committee is governed by a written charter, which is available on our website at www.advancedenergy.com. The Audit and Finance Committee is responsible for, among other things:

selecting Advanced Energy's independent registered public accounting firm;

approving the scope, fees and results of the audit engagement;

determining the independence and evaluating the performance of Advanced Energy's independent registered public accounting firm and internal auditors;

approving in advance any audit and non-audit services and fees charged by the independent registered public accounting firm;

evaluating comments made by the independent registered public accounting firm with respect to accounting procedures and internal controls and determining whether to bring such comments to the attention of Advanced Energy's management;

reviewing the internal accounting procedures and controls with Advanced Energy's financial and accounting staff and approving any significant changes;

reviewing and approving related party transactions; and

establishing and maintaining procedures for, and a policy of, open access to the members of the Audit and Finance Committee by the employees of and consultants to Advanced Energy to enable the employees and consultants to report to the Audit and Finance Committee concerns held by such employees and consultants regarding the financial reporting of the corporation and potential misconduct.

The Audit and Finance Committee also conducts financial reviews with Advanced Energy's independent registered public accounting firm prior to the release of financial information in the Company's Forms 10-K and 10-Q.

Management has primary responsibility for Advanced Energy's financial statements and the overall reporting process, including systems of internal controls. The independent registered public accounting firm audits the annual financial statements prepared by management, expresses an opinion as to whether those financial statements fairly present the financial position, results of operations and cash flows of Advanced Energy in conformity with accounting principles generally accepted in the United States and discusses with the Audit and Finance Committee any issues they believe should be raised.

Report of the Audit and Finance Committee

The Audit and Finance Committee has reviewed Advanced Energy's audited financial statements, and met together and separately with both management and Grant Thornton LLP, the Company's current independent registered public accounting firm, to discuss Advanced Energy's quarterly and annual financial statements and reports prior to issuance. In addition, the Audit and Finance Committee has discussed with the independent registered public accounting firm the matters outlined in Statement on Auditing Standards No. 61, as amended (Communication with Audit Committees), to the extent applicable and received the written disclosures and the letter from the independent registered public accounting firm required by Independence Standards Board Standard No. 1 (Independence Discussions with Audit Committees). Further, the Audit and Finance Committee received the written disclosures and the letter from the independent accountants required by the applicable requirements of the Public Company Accounting Oversight Board regarding the independent accountant's communications with the Audit and Finance Committee concerning independence, and discussed with the independent registered public accounting firm the independent accountant's independence.

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Based on its review and discussion of the foregoing matters and information, the Audit and Finance Committee recommended to the Board of Directors that the audited financial statements be included in Advanced

Energy's 2012 Annual Report on Form 10-K. The Audit and Finance Committee has recommended the appointment of Grant Thornton LLP as the Company's independent registered public accounting firm for 2013, subject to stockholder approval.

The Audit and Finance Committee

Frederick A. Ball, Chairman

Richard P. Beck

Trung T. Doan

Thomas M. Rohrs

Nominating and Governance Committee

Composition and Meetings

The Nominating and Governance Committee consists of Messrs. Beck (Chairman), Grady and Hudgens. Each of the members of the Nominating and Governance Committee was and is an independent director within the meaning of the Nasdaq Stock Market rules. The Nominating and Governance Committee met 4 times in 2012.

Nominating and Governance Committee Charter and Responsibilities

The Nominating and Governance Committee is governed by a written charter and Corporate Governance Guidelines that are available on our website at www.advancedenergy.com.

The Nominating and Governance Committee is responsible for:

ensuring that a majority of the directors will be independent;

establishing qualifications and standards to serve as a director;

identifying and recommending individuals qualified to become directors;

considering any candidates recommended by stockholders;

determining the appropriate size and composition of the Board;

ensuring that the independent directors meet in executive session quarterly;

reviewing other directorships, positions and business and personal relationships of directors and candidates for conflicts of interest, effect on independence, ability to commit sufficient time and attention to the Board and other suitability criteria;

sponsoring and overseeing performance evaluations for the Board as a whole, conducting director peer evaluations, coordinating evaluations of the other committees with the other committees chairpersons;

developing and reviewing periodically, at least annually, the corporate governance policies and guidelines of Advanced Energy, and recommending any changes to the Board;

considering any other corporate governance issues that arise from time to time and referring them to the Board;

if the Board requests, developing appropriate recommendations to the Board; and

overseeing the Company's insider trading policies and procedures.

Director Nominations

The Nominating and Governance Committee evaluates and interviews potential director candidates. All members of the Board may interview the final candidates. The Nominating and Governance Committee of the Board considers candidates for director nominees proposed by directors and stockholders, as described in more

detail below. This committee may retain recruiting professionals to assist in identifying and evaluating candidates for director nominees, although no such professionals were retained in 2012. The Nominating and Governance Committee has no stated specific or minimum qualifications that must be met by a Board candidate. However, as set forth in the Company's Board Governance Guidelines, the Nominating and Governance Committee strives for a mix of skills and diverse perspectives (functional, cultural and geographic) that is effective for the Board. In selecting nominees, the Nominating and Governance Committee assesses the independence, character and acumen of candidates. The Nominating and Governance Committee also endeavors to establish a number of areas of collective core competency of the Board. Therefore, the Nominating and Governance Committee assesses whether a candidate possesses skills including business judgment, leadership, strategic vision and knowledge of management, accounting, finance, industry, technology, manufacturing, international markets and marketing. Additional criteria include a candidate's personal and professional ethics, integrity and values, as well as his or her willingness to devote sufficient time to prepare for and attend meetings and participate effectively on the Board.

The Corporate Governance Guidelines provide that the Nominating and Governance Committee is responsible for reviewing with the Board from time to time the appropriate skills and characteristics required of Board members in the context of the current make-up of the Board. Although the Company does not have a formal diversity policy as part of the director selection process, the Board values a diverse set of viewpoints and experiences. In assessing the diversity of the Board, the Nominating and Governance Committee assesses such factors as age, understanding of and experience in manufacturing, technology expertise, finance and marketing acumen and exposure and experience in international markets. These factors, which are among the factors the Board and the Nominating and Governance Committee considers useful to a well-functioning board, are reviewed in the context of assessing the perceived needs of the Board at any particular point in time.

The Nominating and Governance Committee will consider any and all director candidates recommended by our stockholders. The Nominating and Governance Committee will apply the same processes and criteria in evaluating director candidates recommended by stockholders as it applies in evaluating director candidates recommended by directors, members of management or any other person. If you are a stockholder and wish to recommend a candidate for nomination to the Board of Directors, you should submit your recommendation in writing to the Nominating and Governance Committee, in care of the Corporate Secretary of Advanced Energy at 1625 Sharp Point Drive, Fort Collins, Colorado 80525. Your recommendation should include your name and address, the number of shares of Advanced Energy common stock that you own, the name of the person you recommend for nomination, the reasons for your recommendation, a summary of the person's business history and other qualifications as a director of Advanced Energy and whether such person has agreed to serve, if elected, as a director of Advanced Energy. Please also see the information under "Proposals of Stockholders" on page 40 of this proxy statement.

Compensation Committee

Composition and Meetings

The Compensation Committee consists of Messrs. Rohrs (Chairman), Doan, Grady and Hudgens. Each of the members of the Compensation Committee is a non-employee director within the meaning of Rule 16b-3 under the Securities Exchange Act of 1934, as amended, an outside director within the meaning of Section 162(m) under the Internal Revenue Code and an independent director within the meaning of the Nasdaq Stock Market rules. The Compensation Committee met 3 times in 2012.

Committee Charter and Responsibilities

The Compensation Committee is governed by a written charter, which is available on our website at www.advancedenergy.com. The Compensation Committee is responsible for recommending salaries, incentives and other compensation for directors and officers of Advanced Energy, administering Advanced Energy's incentive compensation and benefit plans and recommending to the Board of Directors policies relating to such

compensation and benefit plans. The Compensation Committee has also, from time to time, retained an independent compensation consultant to assist and advise the Compensation Committee in fulfilling these responsibilities.

Board Governance Structure

The Board Governance Guidelines set forth the Board's policy that the positions of Chairman of the Board and Chief Executive Officer should be held by separate persons as an aid in the Board's oversight of management. The Company believes this board leadership structure is most appropriate for the Company because it provides the Board with increased independence. Additionally, we separate the roles of Chairman of the Board and Chief Executive Officer in recognition of the differences between the two roles as they are presently defined. The principal responsibility of the Chief Executive Officer is to manage the business. The principal responsibilities of the Chairman of the Board are to manage the operations of the Board of Directors and its committees and provide counsel to the Chief Executive Officer on behalf of the Board.

Senior management manages material risks and reviews such risks with the Chief Executive Officer, and if warranted, the Board. As part of its general oversight role, the Board reviews business reports from management that routinely outlines operational risks that may exist from time to time. In addition, for risks related more specifically to the financial operations of the Company, such as credit risk and liquidity risk, the Audit and Finance Committee examines reports from management and reviews such risks in light of the Company's business operations.

PROPOSAL NO. 2**RATIFICATION OF THE APPOINTMENT OF GRANT THORNTON LLP AS ADVANCED ENERGY S****INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR 2013**

On February 27, 2013, the Audit and Finance Committee approved the continued appointment of Grant Thornton LLP for 2013 as the Company's independent registered public accounting firm. If the stockholders fail to ratify the appointment of Grant Thornton LLP, the Audit and Finance Committee will reconsider its selection. Even if the selection is ratified, the Audit and Finance Committee, in its discretion, may direct the appointment of a different independent registered public accounting firm at any time during the year if the Audit and Finance Committee feels that such a change would be in the best interests of Advanced Energy and our stockholders.

A representative of Grant Thornton LLP is expected to be present at the meeting and will have an opportunity to make a statement if he or she so desires. Moreover, the representative is expected to be available to respond to appropriate questions from the stockholders.

Audit Fees

The following table presents fees paid by Advanced Energy for professional services rendered by Grant Thornton, LLP for 2011 and 2012. We did not pay any fees to Grant Thornton, LLP for tax compliance, tax advice or tax planning during 2011 or 2012. All of the fees in the following table were approved by the Audit Committee in conformity with its pre-approval process. Pre-approval generally is provided for up to one year, and any pre-approval is detailed as to the particular service or category of services and generally is subject to a specific budget. The independent registered public accounting firm and Advanced Energy's management are required to periodically report to the Audit Committee regarding the extent of services provided by the independent registered public accounting firm in accordance with this pre-approval, including the fees for the services performed to date. In addition, the Audit and Committee also may pre-approve particular services on a case-by-case basis, as required.

Fee Category	2011	2012
	(In thousands)	
Audit Fees ⁽¹⁾	\$ 1,031	\$ 1,067
Audit Related Fees ⁽²⁾		
Other Fees ⁽³⁾	83	93
Total Fees	\$ 1,115	\$ 1,160

(1) **Audit Fees** consisted of fees for (a) professional services rendered for the annual audit of Advanced Energy's consolidated financial statements and internal controls over financial reporting, (b) review of the interim consolidated financial statements included in quarterly reports, and (c) services that are typically provided by the independent registered public accounting firm in connection with statutory and regulatory filings or engagements.

(2) **Audit-Related Fees** consisted of fees for assurance and related services that were reasonably related to the performance of the audit or review of Advanced Energy's consolidated financial statements and are not reported under Audit Fees.

(3) **Other Fees** consisted of fees for due diligence procedures.

Required Vote

Ratification of the appointment of Grant Thornton LLP as the independent registered public accounting firm for Advanced Energy for 2013 requires the affirmative (**FOR**) vote of a majority of the shares of common stock cast on the matter. For purposes of determining the number of votes cast on the matter, only those cast For or Against are included. Abstentions and broker non-votes are not included.

The Board of Directors recommends a vote FOR the ratification of the appointment of Grant Thornton LLP as Advanced Energy's independent registered public accounting firm.

PROPOSAL NO. 3

ADVISORY APPROVAL ON THE COMPANY'S EXECUTIVE COMPENSATION

We are providing our stockholders an opportunity to indicate whether they approve of our named executive officer compensation as disclosed pursuant to Item 402 of Regulation S-K, including the Compensation Discussion and Analysis, the compensation tables and narrative discussion in this proxy statement. The proposal is required pursuant to Section 14A of the Securities Exchange Act of 1934, as amended. Although this vote is advisory and is not binding on the Company, the Compensation Committee of the Board will take into account the outcome of the vote when considering future executive compensation decisions. Accordingly, stockholders are being asked to vote **FOR** the following resolution:

RESOLVED, that the compensation paid to the Company's named executive officers, as disclosed pursuant to Item 402 of Regulation S-K, including the Compensation Discussion and Analysis, compensation tables and narrative discussion, is hereby **APPROVED**.

This advisory vote, commonly referred to as **say on pay**, is not intended to address any specific item of compensation, but instead relates to the Compensation Discussion and Analysis, the tabular disclosures regarding named executive officer compensation, and the narrative disclosure accompanying the tabular presentation. These disclosures allow you to view the trends in our executive compensation program and the application of our compensation philosophies for the years presented. Last year, we received an approximately 71.8% approval rate for our **say on pay** vote. After this annual meeting we expect that the next stockholder advisory vote on the Company's executive compensation will occur at the 2014 annual meeting of stockholders.

Advanced Energy's compensation program is designed and administered by the Compensation Committee, which is composed entirely of independent directors. We carefully consider many different factors, as described in the Compensation Discussion and Analysis, in order to provide appropriate compensation for our executives. Our executive compensation program is intended to attract, motivate and reward the executive talent required to achieve our corporate objectives and increase stockholder value. The Compensation Committee has designed our compensation program to be competitive with the compensation offered by those peers with whom we compete for executive talent. Targets for base salaries, annual cash incentive and long-term incentive awards for executives factor in competitive data. A large proportion of our executive officers' total potential compensation is performance-based in order to align their interests with those of our stockholders and place more of their compensation at risk and emphasize a long-term strategic view. The Compensation Committee deliberately designs compensation objectives in order to allocate a significant percentage of each of our named executive officers' compensation to performance-based measures. As discussed in the Compensation Discussion and Analysis beginning on page 21 of this proxy statement, we believe that our executive compensation program properly links executive compensation to Company performance and aligns the interests of our executive officers with those of our stockholders. For example:

We structure our executive compensation programs within a framework that measures performance using a variety of financial and non-financial metrics. We do this to promote and reward actions that strengthen the company's long-term health while promoting strong annual results.

We make annual compensation decisions based on an assessment of each executive's performance against goals that promote the company's success by focusing on our shareholders, customers and employees. We focus not only on results but on how results were achieved.

We structure our executive compensation programs to be consistent with and support sound risk management. We have reviewed the design and controls in our incentive compensation program to assess the effectiveness of the program and our compensation practices in controlling excessive risk.

Required Vote

The votes on Proposal No. 3 are advisory in nature and, therefore, are not binding on Advanced Energy. However, the Board and Compensation Committee will review the results of the vote in making future compensation decisions. For purposes of determining the number of votes cast on the matter, only those cast For or Against are included. Abstentions and broker non-votes are not included.

Unless otherwise indicated, properly executed proxies will be voted in favor of Proposal No. 3 to approve the compensation of Advanced Energy's named executive officers as disclosed in the Compensation Discussion and Analysis, the compensation tables, and the related disclosure contained in this proxy statement set forth under the caption Executive Compensation of this proxy statement.

The Board of Directors recommends a vote FOR the Approval of the compensation of Advanced Energy's named executive officers, as disclosed pursuant to Item 402 of Regulation S-K, including the Compensation Discussion and Analysis, the compensation tables and narrative discussion.

SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

As of February 1, 2013 there were 38,088,762 shares of the Company's common stock outstanding. The following table sets forth the beneficial ownership of Advanced Energy common stock as of February 1, 2013 (unless otherwise noted) by:

each person known to us to beneficially own more than five percent (5%) of the outstanding common stock;

each director and nominee for director;

each named executive officer identified on pages 30-32 of this proxy statement

the current directors and executive officers as a group.

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Unless otherwise indicated, the address of each individual named below is c/o Advanced Energy Industries, Inc., 1625 Sharp Point Drive, Fort Collins, Colorado 80525.

Name of Stockholder	Shares of Common Stock Beneficially Owned	Percent Owned
Douglas S. Schatz, Chairman of the Board of Directors	2,886,092 ⁽¹⁾⁽²⁾⁽¹⁰⁾	7.6%
T. Rowe Price Associates, Inc.	5,599,330 ⁽³⁾	14.7%
Royce & Associates, LLC	3,299,838 ⁽⁴⁾	8.7%
BlackRock, Inc.	2,822,637 ⁽⁵⁾	7.5%
The Vanguard Group	2,454,703 ⁽⁶⁾	6.4%
T. Rowe Price Small Cap Stock Fund, Inc.	2,389,200 ⁽⁷⁾	6.3%
Invesco Ltd. Bermuda	2,083,533 ⁽⁸⁾	5.5%
Garry W. Rogerson, Chief Executive Officer	57,244 ⁽²⁾	*
Danny C. Herron, Executive Vice President and Chief Financial Officer	79,967 ⁽²⁾⁽⁹⁾	*
Yuval Wasserman, President of the Thin Films Business Unit	223,961 ⁽²⁾⁽⁹⁾	*
Gordon Tredger, President of Solar Energy Business Unit	47,980 ⁽²⁾	*
Thomas O. McGimpsey, Executive Vice President of Corporate Development & General Counsel	79,361 ⁽²⁾⁽⁹⁾	*
Richard P. Beck, Director	46,032 ⁽²⁾⁽¹⁰⁾	*
Trung T. Doan, Director	54,500 ⁽²⁾⁽¹⁰⁾	*
Thomas M. Rohrs, Director	42,500 ⁽¹⁰⁾	*
Terry Hudgens, Director	35,500 ⁽¹⁰⁾	*
Frederick A. Ball, Director	30,500 ⁽¹⁰⁾	*
Edward C. Grady, Director	30,500 ⁽¹⁰⁾	*
All executive officers and directors, as a group (12 persons)	3,614,137 ⁽¹⁰⁾⁽¹¹⁾⁽¹²⁾	9.5%

(1) Includes 2,658,392 shares held by the family trust of Mr. Schatz and his wife, and 95,168 shares held by a charitable foundation of which Mr. Schatz, his wife and other members of his immediate family are the trustees. Mr. Schatz, his wife and the family trust each report sole dispositive power with respect to the shares held by the family trust. Mr. Schatz and his wife may be deemed to share with the other trustees voting and dispositive power with respect to the charitable foundation's 95,168 shares. Mr. Schatz and his wife disclaim beneficial ownership of the 95,168 shares held by the charitable foundation. Mr. Schatz reports sole dispositive and voting power with respect to 227,700 shares that Mr. Schatz may acquire pursuant to stock options. Mr. Schatz's address is c/o Advanced Energy Industries, Inc., 1625 Sharp Point Drive, Fort Collins, Colorado 80525.

(2) Includes beneficial ownership of the following numbers of shares that may be acquired within 60 days of February 1, 2013 pursuant to stock options granted or assumed by Advanced Energy:

Douglas S. Schatz	227,700
Garry W. Rogerson	52,500
Danny C. Herron	58,235
Yuval Wasserman	199,453
Gordon Tredger	22,144
Thomas O. McGimpsey	57,512
Richard P. Beck	15,000
Trung T. Doan	15,000

(3) Information as to the amount and nature of beneficial ownership was obtained from the Schedule 13G filed with the SEC on February 7, 2013 by T. Rowe Price Associates, Inc. (Price Associates) reports dispositive power over 5,599,330 shares, or 14.7%. The address for T. Rowe Price Associates, Inc. is 100 E. Pratt Street, Baltimore, Maryland 21202. These securities are owned by various individual and institutional investors which Price Associates serves as investment adviser with power to direct investments and/or sole power to vote the securities. For purposes of the reporting requirements of the Securities Exchange Act of 1934, Price Associates is deemed to be a beneficial owner of such securities; however, Price Associates expressly disclaims that it is, in fact, the beneficial owner of such securities.

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- (4) Information as to the amount and nature of beneficial ownership was obtained from the Schedule 13G filed with the SEC on January 3, 2013 by Royce & Associates, LLC reports dispositive power over 3,299,838 shares, or 8.7%. The address for Royce & Associates, LLC is 745 Fifth Avenue, New York, New York 10151.

- (5) Information as to the amount and nature of beneficial ownership was obtained from the Schedule 13G filed with the SEC on February 8, 2013 by BlackRock, Inc., amending the Schedule 13G previously filed by Barclays Global Investors, N.A., reports dispositive power over 2,822,637 shares, or 7.5%. The address for BlackRock, Inc. is 40 East 52nd Street, New York, New York 10022.

- (6) Information as to the amount and nature of beneficial ownership was obtained from the Schedule 13G filed with the SEC on February 13, 2013 by The Vanguard Group., reports dispositive power over 2,454,703 shares, or 6.4%. The address for The Vanguard Group is 100 Vanguard Blvd., Malvern, Pennsylvania 19355.
- (7) Information as to the amount and nature of beneficial ownership was obtained from the Schedule 13G filed with the SEC on February 7, 2013 by T. Rowe Price Small Cap Stock Fund, Inc. reports dispositive power over 2,389,200 shares, or 6.3%. The address for T. Rowe Price Small Cap Stock Fund, Inc. is 100 E. Pratt Street, Baltimore, Maryland 21202. These securities are owned by various individual and institutional investors which T Rowe Price Associates, Inc. (Price Associates) serves as investment adviser with power to direct investments and/or sole power to vote the securities. For purposes of the reporting requirements of the Securities Exchange Act of 1934, Price Associates is deemed to be a beneficial owner of such securities; however, Price Associates expressly disclaims that it is, in fact, the beneficial owner of such securities.
- (8) Information as to the amount and nature of beneficial ownership was obtained from the Schedule 13G filed with the SEC on February 13, 2013 by Invesco Ltd. Bermuda, reports dispositive power over 2,083,533 shares, or 5.5%. The address for Invesco Ltd. Bermuda is 1555 Peachtree Street NE, Atlanta, Georgia 30309.
- (9) Includes beneficial ownership of the following numbers of shares that will be acquired within 60 days of February 1, 2013 pursuant to stock awards (also called restricted stock units) granted or assumed by Advanced Energy:

Danny C. Herron	937
Yuval Wasserman	1,593
Gordon Tredger	
Thomas O. McGimpsey	625

- (10) The shares reported in the table do not include awards that will be granted to each non-employee director if such person is reelected to the Board of Directors at the annual meeting.
- (11) The shares reported in the table include 647,544 shares that the 12 executive officers and directors collectively have the right to acquire within 60 days of February 1, 2013 pursuant to stock options granted by Advanced Energy.
- (12) The shares reported in the table include 3,155 shares that the 12 executive officers and directors collectively will acquire within 60 days of February 1, 2013 pursuant to stock awards granted by Advanced Energy.

* Less than 1%

Pledged Shares

In November 2002, Douglas S. Schatz, our Chairman of the Board, his wife and the family trust of Mr. Schatz and his wife entered into a revolving line of credit with Silicon Valley Bank. The family trust pledged Advanced Energy common stock under a pledge and security agreement as collateral for the line of credit. Since November 2002, the credit limit on the line of credit has fluctuated and has been secured by the same pledge and security agreement. As of February 1, 2013, the number of shares subject to the pledge and security agreement is approximately 2.6 million shares, approximately 6.8% of the Advanced Energy common stock currently outstanding. The line of credit is currently inactive with a zero balance. The pledged shares also collateralize a separate term loan of \$10 million and a separate line of credit of \$10 million with Silicon Valley Bank which are also fully drawn with maturity dates in 2015.

EXECUTIVE COMPENSATION

Compensation Discussion and Analysis

Executive Summary and Overview of 2012 Compensation

Our Company's long-term success depends on our ability to fulfill the expectations of our customers in a competitive environment and deliver value to stockholders. To achieve these goals, it is critical that we are able to attract, motivate, and retain highly talented individuals at all levels

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of the organization who are committed to the Company's values and objectives. Accordingly, the Company strives to provide compensation that is (a) linked to shareholder value creation, (b) reflective of the overall performance of the Company, and (c) considerate of the competitive market levels of compensation needed to recruit, retain and motivate top executive talent, while remaining consistent with the other objectives.

In December 2011, and as part of the Company's focus on delivering improved shareholder value, the Compensation Committee redesigned its executive compensation plans to more closely align executive compensation with shareholders' interests and reinforce a Pay for Performance Culture. The new compensation plans are integrated into the Company's 2012-2014 strategic plan and provide incentives designed to align the executive officers' performance with the interests of the Company's shareholders and also encourage retention.

Our compensation decisions in 2012 were designed to meet these goals. As set forth in more detail below, our Compensation Committee reinforced our philosophy of pay for performance by awarding cash bonuses under our 2012 Short Term Incentive Plan (STI Plan) and awarding long term equity incentives under our 2012-2014 Long Term Incentive Plan (LTI Plan) to our named executive officers only when applicable *pre-established financial performance metrics* for the business units or the Company, as the case may be, were met.

Compensation Philosophy and Objectives

The Company's executive compensation program is based on the same objectives that guide the Company in establishing all of its compensation programs:

Compensation fosters the long-term focus required for the Company's success by aligning executive officers' interests with those of shareholders.

Compensation reflects the level of job responsibility and Company performance. As employees progress to higher levels in the organization, an increasing proportion of their pay is linked to Company performance because those employees are more able to affect the Company's results.

Compensation reflects the value of the job in the marketplace. To attract and retain a highly skilled work force, we must remain competitive with the pay of other premier employers who compete with us for talent.

Overview of Executive Compensation Program

The Compensation Committee

The Compensation Committee has responsibility for establishing, implementing and monitoring adherence with the Company's compensation philosophy. Accordingly, the Compensation Committee strives to develop and maintain competitive, progressive programs that reward executives for continuous improvement in key financial metrics that drive company performance and stockholder value. The Compensation Committee also recognizes the need for compensation programs to attract, retain and motivate high-caliber employees, foster teamwork, and maximize the long-term success of Advanced Energy by appropriately rewarding our executives for their achievements. The Compensation Committee evaluates risk and rewards associated with the Company's overall compensation philosophy and structure. Pursuant to the Compensation Committee Charter, the Compensation Committee may form and delegate authority to subcommittees when appropriate.

The Compensation Committee has the authority to engage independent advisors to assist in making determinations with respect to the compensation of executives and other employees. In 2010, the Compensation Committee engaged Radford, an Aon Hewitt company, to conduct a competitive review of executive compensation, analyzing the primary elements of compensation for the officers of the Company. Radford also reviewed and assisted the Company in redesigning its annual and long term incentive programs in December 2011. Information regarding the competitive review is provided below under the heading *Benchmarking Against Peer Companies*. Radford has not provided any other services to the Company or the Compensation Committee and has not received compensation other than with respect to the services provided to the Compensation Committee.

Role of Executive Officers in Compensation Decisions

The Compensation Committee meets with the Company's Chief Executive Officer and other senior executives in order to obtain recommendations with respect to the Company's compensation programs and practices for executives and other employees. Management discusses with the Compensation Committee the practices that have been put in place to identify and mitigate, as necessary, potential risks. The Chief Executive Officer annually reviews the performance of each executive officer, other than himself. The Chief Executive Officer's performance is reviewed by the Compensation Committee which makes recommendations to the full Board.

With support from market compensation data, performance reviews and other information, management makes recommendations to the Compensation Committee on the base salaries, bonus targets and equity compensation for the executive officers and other executives. The Compensation Committee takes management's recommendations into consideration, but is not bound by management's recommendations with respect to executive compensation.

While management attends certain meetings of the Compensation Committee, the Compensation Committee also holds executive sessions not attended by any members of management or by non-independent directors. The Compensation Committee makes all compensation decisions in respect of the executive officers and approves recommendations regarding equity awards to selected officers.

Benchmarking Against Peer Companies

One factor that the Compensation Committee considers when making compensation decisions is the compensation paid to executives of a peer group of companies. The Compensation Committee also considers, and generally relies more heavily upon, other factors discussed below under the heading *Components of Executive Compensation*. Because the comparative compensation information is just one of several factors used to determine executive compensation, and such information is not collected every year, the Compensation Committee has broad discretion as to the extent to which it uses such information.

In setting the 2012 compensation for our executive officers, the Compensation Committee reviewed the comparative analysis provided by Radford in October of 2010.

The peer companies utilized for the comparative review were chosen to represent direct competitors of Advanced Energy, companies in the semiconductor and electronic equipment industries and companies with which Advanced Energy competes for executive talent. The peer companies consist of the following 21 publicly traded companies from the semiconductor, electronic equipment and solar industries of roughly similar size to Advanced Energy:

American Superconductor Corporation	Energy Conversion Devices, Inc.	LTX-Credence Corporation
ATMI, Inc.	EnerNOC, Inc.	MKS Instruments, Inc.
Axcelis Technologies, Inc.	Entegris, Inc.	Photronics, Inc.
Brooks Automation, Inc.	Evergreen Solar, Inc.	Power-One, Inc.
Coherent, Inc.	FEI Company	Rudolph Technologies, Inc.
Cymer, Inc.	FormFactor, Inc.	Varian Semiconductor Equipment Associates, Inc.
Electro Scientific Industries, Inc.	Kulicke & Soffa Industries, Inc.	Veeco Instruments, Inc.

The Radford analysis indicated that, on average, Advanced Energy's executive officers are compensated in the 50th percentile among the peer group. The Compensation Committee continues to retain broad discretion as to the extent to which it uses such information. In 2011, the Compensation Committee determined it to be in the best interests of the Company to offer compensation in the 50th percentile in order to recruit top tier executive talent. In 2011, the Compensation Committee also considered the scope of an executive's duties as compared to

benchmark positions and the executive's performance in prior periods in setting compensation above or below the 50th percentile for individual executives.

Components of Executive Compensation

For 2012, the principal components of compensation for named executive officers were: (1) Base Salary, (2) Annual Performance-Based Incentive Compensation under the STI Plan, (3) Long-Term Performance-Based Equity Incentive Compensation under the LTI Plan, (4) Personal Benefits, and (5) Other Compensation. Under the LTI Plan, the Compensation Committee has the discretion to authorize a cash settlement of awards of Performance Share Units (PSUs). In determining the amount and relative allocation among each component of compensation for each named executive officer, the Compensation Committee considered, among other factors, the Company's and each executive officer's performance during the year, historical rates of executive compensation, data obtained from management's recruitment activities, the comparative review and analysis provided by Radford and alignment with the Company's overall compensation philosophy.

Base Salary

Base salaries are set at levels that the Compensation Committee deems to be sufficient to attract and retain highly talented executive officers capable of fulfilling the Company's key objectives. Base salaries are also set with the goal of rewarding executive officers on a day-to-day basis for their time and services while encouraging them to strive for performance-based and long-term incentives.

For 2012, the Compensation Committee set the base salaries as follows:

Name	Position	Base Salary (per annum)
Garry W. Rogerson	Chief Executive Officer	\$600,000
Danny C. Herron	Executive Vice President and Chief Financial Officer	\$308,000
Yuval Wasserman	President of the Thin Films Business Unit	\$385,220
Gordon Tredger	President of the Solar Energy Business Unit	\$260,000
Thomas O. McGimpsey	Executive Vice President of Corporate Development & General Counsel	\$283,500

Annual Performance-Based Incentive Compensation

The STI Plan was designed to encourage the Company's named executive officers and other key members of management who are selected to participate in the STI Plan to exceed annual financial objectives reflected by achievement of weighted performance metrics of revenue, operating income and cash flow for the Thin Films business unit, Solar Energy business unit and/or Company as a whole, as determined for each participant. Each performance metric is evaluated separately applying an achievement scale of 0% to 200%. The targets described below are the values at which 100% of the achievement scale is set. Minimum thresholds must be met for certain metrics in order for any payout to be made in respect of those metrics. If the performance thresholds for the participants are not met, but the Company meets a specified minimum threshold of cash flow for the fiscal year, the terms of the STI Plan provide for an award of up to 40% of the pre-established target bonus to each participant, based on the formula set forth in the STI Plan. If the Company exceeds the performance targets, a cash bonus greater than the target bonus amount may become payable to a participant, up to a maximum of 200% of the target bonus. Awards under the STI Plan are subject to other terms and conditions including funding of such plan. The target bonus for the Chief Executive Officer is 100% of his base salary and for the other named executive officers is 75% of their base salaries. We believe the measures and structure provided under the STI Plan are closely aligned with our 2012 compensation philosophy of improving Company performance. We also believe the performance measures are designed to drive increases in shareholder value over time.

As shown below, the Company's 2012 performance for revenue, operating income and cash flow were positive given the relative performance of competitors in the markets in which we serve. Cash flow generation in particular was well above our expectations and indicates a strong focus on business fundamentals.

The 2012 corporate targets under the STI Plan for revenue, operating income and cash flow were \$496 million, \$47 million and \$39 million, respectively. The 2012 achievement on these financial metrics were \$452 million, \$37 million and \$89 million, respectively. The targets are weighted 40% for revenue, 40% for operating income and 20% for cash flow, resulting in a payout of 97% of the target payments under the STI Plan based on these corporate metrics. All of Messrs. Rogerson, Herron and McGimpsey's compensation pursuant to the STI Plan is based on achievement of the corporate metrics for the Company as a whole. 20% of the compensation for which Messrs. Wasserman and Tredger are eligible pursuant to the STI Plan is based on the achievement of the corporate metrics for the Company as a whole.

The 2012 Thin Films business unit targets under the STI Plan for revenue, operating income and cash flow were \$270 million, \$38 million and \$20 million, respectively. The 2012 achievement on these financial metrics were \$235 million, \$23 million and \$62 million, respectively. 80% of the compensation for which Mr. Wasserman is eligible pursuant to the STI Plan is based on the achievement of these Thin Film business unit metrics. The targets are weighted 20% for revenue, 60% for operating income and 20% for cash flow for the Thin Films business unit, which resulted in a payout of 40% of the target bonus payout under the STI Plan for the Thin Films business unit metrics. Mr. Wasserman received a payout of \$92,453 in respect of the Thin Films business unit metrics. Mr. Wasserman received a payout of \$56,049 in respect of the 20% of his potential STI Plan payout related to attainment of the corporate metrics for the Company as a whole, which are discussed above.

The 2012 Solar Energy business unit targets under the STI Plan for revenue, operating income and cash flow were \$226 million, \$15 million and \$25 million, respectively. The 2012 achievements on these financial metrics were \$217 million, \$14 million and \$28 million, respectively. 80% of the compensation for which Mr. Tredger is eligible pursuant to the STI Plan is based on the achievement of these Solar Energy business unit metrics. The targets are weighted 40% for revenue, 40% for operating income and 20% for cash flow for the Solar Energy business unit, which resulted in a payout of 100% of the target bonus under the STI Plan for the Solar Energy business unit metrics. Mr. Tredger, received a payout of \$155,619 in respect of the Solar Energy business unit metrics. Mr. Tredger received a payout of \$37,830 in respect of the 20% of his potential STI Plan payment related to attainment of the corporate metrics for the Company as a whole, which are discussed above.

As a result of such performance, the Chief Executive Officer and named executive officers were awarded the following cash payouts under the STI Plan.

Name	Position	STI Plan Payout
Garry W. Rogerson	Chief Executive Officer	\$ 582,000
Yuval Wasserman	President of the Thin Films Business Unit	\$ 148,502
Danny C. Herron	Executive Vice President and Chief Financial Officer	\$ 224,070
Gordon Tredger	President of the Solar Energy Business Unit	\$ 193,449
Thomas O. McGimpsey	Executive Vice President of Corporate Development & General Counsel	\$ 206,246

Long-Term Equity Incentive Compensation

The LTI Plan is a performance-based equity plan under the Company's 2008 Omnibus Incentive Plan, as amended (the "2008 Plan"), with awards vesting based upon the return on net assets achieved by the Company during each year of the LTI Plan. For executive officers who participate in the LTI Plan, awards will vest each year as to equity with an approximate grant date value (used for internal compensation determination purposes) of \$525,000, which is referred to in the plan as the "target amount," if the Company achieves the target return on net assets determined under the applicable annual operating plan approved by the Board of Directors ("RONA Target"). Such awards will consist of (1) performance units that the Compensation Committee can elect to settle in performance stock or cash (which cash would be equivalent to the market value of such performance stock at the time of vesting, or a combination thereof), representing 70% of the target amount, and (2) performance stock options representing 30% of the target amount.

The LTI Plan provides for minimum vesting of 50% of the target amount of each award, so long as the Company has positive operating income for the fiscal year. The awards will vest as to more than 50% of the target amount, based on a formula set forth in the plan, if and to the extent the Company exceeds a specified minimum return on net assets threshold (which is less than the RONA Target), but in no event will the awards vest as to more than 200% of their target amounts.

The performance units are evidenced by award letters given to the executive officers and other key members of management who are selected to participate in the LTI Plan. The award letters provide for the vesting of performance shares as set forth above, and settlement in cash, stock (or a combination thereof), as determined by the Compensation Committee, after the Company's return on net assets has been calculated for such year, which is expected to occur in the first quarters of 2013, 2014 and 2015. Awards under the LTI plan are subject to other terms and conditions outlined in the LTI Plan.

On January 3, 2012 grants were made under the LTI Plan for each yearly performance period (2012, 2013 and 2014). Each of Yuval Wasserman, President of Thin Films Business Unit, Gordon Tredger, President of Solar Energy Business Unit, Danny Herron, Executive Vice President and Chief Financial Officer, and Thomas McGimpsey, Executive Vice President of Corporate Development and General Counsel was granted 50,906 performance stock options and awarded 59,392 performance units for each performance period under the LTI Plan, which represent the maximum amount of such awards that may vest each year if the Company were to achieve the applicable annual stretch goal for return on net assets (RONA). This represents a total of 152,718 performance stock options granted and 178,176 performance units awarded to each named executive officer identified above for all three one-year performance periods. The RONA target goals that have been established for the three years significantly exceed the prior three year average RONA performance levels for the Company.

The 2012 RONA target under the LTI Plan was 18.5% (excluding cash). Based on the Company RONA performance in 2012 of 17% (excluding cash), 25,836 performance shares vested for award for each of the named executive officers shown below. In accordance with the terms of the LTI Plan, the Compensation Committee decided to settle such performance shares in stock as shown. In addition, and based on attaining the same RONA performance, 22,144 performance stock options vested for each of the named executive officers as shown below.

Name	Position	Settlement Performance Shares	Vesting of Performance Options
Yuval Wasserman	President of the Thin Films Business Unit	25,836	22,144
Danny C. Herron	Executive Vice President and Chief Financial Officer	25,836	22,144
Gordon Tredger	President of the Solar Energy Business Unit	25,836	22,144
Thomas O. McGimpsey	Executive Vice President of Corporate Development and General Counsel	25,836	22,144

Mr. Rogerson is not a participant under the LTI Plan. In August of 2011, and as part of appointment of Garry W. Rogerson as our Chief Executive Officer, the Company made the following grants to Mr. Rogerson which are focused on stock price appreciation:

an option to purchase 157,500 shares of the Company's common stock, which will vest in 3 equal, annual installments over a 3 year period;

a grant of 22,500 restricted stock units, which will vest in 3 equal, annual installments over a 3 year period;

a performance-based option to purchase 112,500 shares of the Company's common stock, if the Company's stock price meets or exceeds \$22 each day during a 30-day consecutive period within 3 years of the grant date; and

a performance-based option to purchase 112,500 additional shares of the Company's common stock, if the Company's stock price meets or exceeds \$27.50 each day during a 30-day consecutive period within 3 years of the grant date.

The performance-based options expire 3 years from the date of grant if they have not vested during that time.

Personal Benefits

As U.S. employees, the executives were eligible to participate in health and welfare benefits, as offered to our U.S. workforce, designed to attract and retain a skilled workforce in a competitive marketplace. These benefits help ensure that the Company has a healthy and focused workforce through reliable and competitive health and other personal benefits. These benefits were considered in relation to the total compensation package, but did not materially impact decisions regarding other elements of executive officer compensation.

All U.S. employees of the Company, including the executive officers, are eligible to participate in the Company's 401(k) savings plan and are eligible to receive matching contributions by the Company of fifty percent (50%) of the first six percent (6%) of compensation contributed to the plan by the employee.

All U.S. employees of the Company, including the executive officers through 2012, are eligible to participate in the Company's Employee Stock Purchase Plan (ESPP), which allows for employees to purchase shares of the Company's common stock with funds withheld directly from their pay. The ESPP also provides participants with a right to purchase a limited number of shares of common stock of the Company at a purchase price equal to the lesser of eighty five percent (85%) of the fair market value of the stock on either the opening or closing date of an offering period under the plan. In light of the changes made to annual and long term incentive plan as discussed above, in July 2012, and effective as of the next purchase period under the ESPP immediately after July 2012, the Compensation Committee decided to exclude the executive officers and other employees at the vice president level and above from being eligible to participate in the ESPP.

Other Compensation

The Company is party to a change in control (CIC) agreement with each of Messrs: Rogerson, Wasserman, Tredger, Herron and McGimpsey. The CIC agreements provide each of the executive officers with severance payments and certain benefits in the event of a termination without Cause (as defined in the CIC agreements) or other involuntary termination following an actual or during a pending change in control. The Company entered into the CIC agreements and established the payment amounts thereunder in order to keep management focused on the Company's stated corporate objectives irrespective of whether the achievement of such objectives makes the Company attractive for acquisition, and to avoid the distraction and loss of key management that could occur in connection with a rumored or actual change in corporate control.

Under the CIC agreements, in the event of an executive's termination without cause following an actual or during a pending change in control, the executive is entitled to receive: (a) all then accrued compensation and a pro-rata portion of executive's target bonus for the year in which the termination is effected, (b) a lump sum payment equal to the executive's then current annual base salary plus his or her target bonus for the year in which the termination is effected (or in the case of the Chief Executive Officer, two times such amount), (c) continuation of insurance and other benefits for 18 months following the date of termination, (d) an amount equal to the contributions that would have been made to the company's retirement plans on behalf of executive, if the executive had continued to be employed for twelve (12) months following the date of termination, (e) reimbursement, up to \$15,000, for outplacement services, and (f) full vesting and right to exercise all stock options and other equity awards then held by the executive so terminated. Other than accrued compensation, an executive is not entitled to receive any compensation, benefits or other payments under the CIC agreements unless the executive provides the Company with a full release of claims. The terms of the CIC agreements were

determined by the Compensation Committee based on consideration of marketplace benchmark data and the Company's retention objectives.

Tax and Accounting Implications

Section 162(m) of the Internal Revenue Code of 1986 generally limits to \$1 million the corporate deduction for compensation paid to certain executive officers, unless the compensation is performance-based (as defined in Section 162(m)). The Board of Directors and the Compensation Committee carefully considers the potential impact of the limitation on executive compensation and considers it to be in the best interests of Advanced Energy and the stockholders to seek to qualify as tax deductible virtually all executive compensation. The Board of Directors and the Compensation Committee also recognize the need to consider factors other than tax deductibility in making compensation decisions and thus reserve the flexibility to award compensation that is not necessarily performance-based. During 2012, none of the executive officers of the Company had non-performance-based compensation in excess of \$1,000,000.

Response to the 2011 Advisory Vote on Executive Compensation

As required by the Dodd-Frank Wall Street Reform and Consumer Protection Act and the SEC's rulemakings thereunder, we offered our stockholders an advisory vote on executive compensation as set forth more fully in our 2012 proxy statement. As reported on the Current Report on Form 8-K filed with the SEC on May 4, 2012, over 21 million shares of our common stock voted in favor of the executive compensation paid to our named executive officers, for an approximately 71.8% approval rate. In response to this approval rate, our Compensation Committee requested management to communicate with representative shareholders on their views of executive compensation. The responses from such shareholders did not indicate any significant concerns with the structure or operation of executive compensation (including the compensation redesign in December 2011). Our Compensation Committee plans to continually monitor the approval rate.

In light of this approval rate and its subsequent review, our Compensation Committee believed that no significant changes were required to our compensation programs for 2013 as a direct result of this vote. Our Compensation Committee feels that last year's vote is but one data point in the overall evaluation of our executive compensation and believes that additional advisory votes and stockholder dialogue will provide more information on whether changes are needed to our compensation programs. We will continue to carefully consider our annual votes in making future compensation decisions. We value the feedback of all of our stockholders and encourage all of our stockholders to vote on Proposal No. 3 as contained in this proxy statement.

Hedging

The Company's insider trading policy requires prior clearance of any proposed hedging transaction with the Company's insider trading compliance officer.

Compensation Committee Interlocks and Insider Participation

The current members of the Compensation Committee are Messrs. Rohrs (Chairman), Doan, Grady and Hudgens. None of such directors is or has been an officer or employee of Advanced Energy. There are no interlocking relationships as defined in the applicable SEC rules.

During 2012, no executive officer of Advanced Energy served as a member of the board of directors or compensation committee of another company that has any executive officers or directors serving on Advanced Energy's Board of Directors or its Compensation Committee.

Compensation Committee Report

The information contained in this report shall not be deemed to be soliciting material or filed with the SEC or subject to the liabilities of Section 18 of the Exchange Act, except to the extent that the Company specifically incorporates such information by reference in a document filed under the Securities Act or the Exchange Act.

The Compensation Committee of the Board has reviewed and discussed with management the Compensation Discussion and Analysis for fiscal year 2012. Based upon the review and discussions, the Compensation Committee recommended to the Board, and the Board has approved, that the Compensation Discussion and Analysis be included in the Company's Proxy Statement for its 2013 Annual Meeting of Stockholders.

This report is submitted by the Compensation Committee.

Thomas M. Rohrs, Chairman

Trung T. Doan

Edward C. Grady

Terry Hudgens

Equity Compensation Plan Information

The Company currently maintains two equity compensation plans: the 2008 Omnibus Incentive Plan and the Employee Stock Purchase Plan (ESPP). Both plans were approved by the Company's stockholders. The following table sets forth the number of shares of Common Stock subject to outstanding options and other rights, the weighted-average exercise price of outstanding options, and the number of shares remaining available for future award grants as of January 1, 2013 in each of the equity compensation plans.

Plan Category	Number of securities to be issued upon exercise of outstanding options, warrants and rights (a)	Weighted average exercise price of outstanding options, warrants and rights (b)	Number of securities remaining available for issuance under equity compensation plans (excluding securities reflected in column (a)) (c)
Equity compensation plans approved by security holders	7,756,660 ⁽¹⁾	\$ 12.80 ⁽²⁾	607,697
Equity compensation plans not approved by security holders			
Total	7,756,660	\$ 12.80	607,697

⁽¹⁾ Includes 5,658,972 shares subject to stock options, 2,073,441 shares of restricted stock units, and 24,247 shares granted under our Employee Stock Purchase Plan

⁽²⁾ The weighted average exercise price calculation does not take into account any restricted stock units as they have a minimal purchase price.

Management

Executive officers of the Company are appointed by the Board, and serve for a term of one year and until their successors have been appointed and qualified or until their earlier resignation or removal by the Board. The following table sets forth names and ages of all executive officers of the Company and their respective positions with the Company as of the date of this proxy statement:

Name	Age	Position	Principal Occupation and Business Experience
Garry W. Rogerson	60	Chief Executive Officer	Garry W. Rogerson joined us in August 2011 as our Chief Executive Officer and Board member. Mr. Rogerson was Chairman from 2009 and Chief Executive Officer from 2004 of Varian, Inc., a major supplier of scientific instruments and consumable laboratory supplies, vacuum products and services, until the purchase of Varian by Agilent Technologies, Inc. in May 2010. Mr. Rogerson served as Varian's Chief Operating Officer from 2002 to 2004. Mr. Rogerson received an honors degree and Ph.D. in biochemistry from the University of Kent at Canterbury. In 2012, Mr. Rogerson received an honorary Doctor of Science degree from the University of Kent at Canterbury. Mr. Rogerson is also the chairman of Coherent, Inc., a position he has held since 2007.
Danny C. Herron	58	Executive Vice President and Chief Financial Officer	Mr. Herron joined us in September 2010 as Executive Vice President and Chief Financial Officer. He was chief financial officer of Sundrop Fuels, Inc., a solar gasification-based renewable fuels company, from October 2009 through August 2010. From May 2009 through October 2009, Mr. Herron was a consultant at Tatum LLC, a financial consulting business, providing interim chief financial officer and financial consulting services. Mr. Herron served VeraSun Energy Corporation, a corn based ethanol company, from 2006 through 2008 first as senior vice president and chief financial officer and later as president and chief financial officer. From 2002 through 2006, Mr. Herron was executive vice president and chief financial officer at Swift & Company, a beef and pork producer acquired from Conagra Foods, Inc. Prior to that, Mr. Herron served as division chief financial officer of Conagra Foods, Inc. Beef Division.

Name	Age	Position	Principal Occupation and Business Experience
Yuval Wasserman	58	President of Thin Films Business Unit	<p>Mr. Wasserman joined us in August 2007 as Senior Vice President, Sales, Marketing and Service. In October 2007, he was promoted to Executive Vice President, Sales, Marketing and Service. In April 2009, he was promoted to Executive Vice President and Chief Operating Officer of the Company and then in August 2011 he was promoted to President of the Thin Films Business Unit. Beginning in May 2002, Mr. Wasserman served as the president, and later as chief executive officer, of Tevet Process Control Technologies, Inc., a semiconductor metrology company, until July 2007. Prior to that, he held senior executive and general management positions at Boxer Cross (a metrology company acquired by Applied Materials, Inc.), Fusion Systems (a plasma strip company that is a division of Axcelis Technologies, Inc.), and AG Associates (a semiconductor capital equipment company focused on rapid thermal processing). Mr. Wasserman started his career at National Semiconductor, Inc., where he held various process engineering and management positions. Mr. Wasserman joined the board of Synchroness, Inc., an outsourced engineering and product development company, in 2010.</p>
Gordon Tredger	53	President of Solar Energy Business Unit	<p>Mr. Tredger joined us in December 2011 as Executive Vice President, Solar Energy business unit. In April 2012, he was appointed President of the Solar Energy business unit. Prior to joining the Company, Mr. Tredger was Executive Vice President of Operations in the Chemical Analysis Division of Bruker Daltonics, a leading provider of high-performance scientific instruments and solutions, from May 2010 through December 2010. From March 2006 through May 2010, Mr. Tredger was Vice President of Analytical Instruments at Varian, Inc., a leading worldwide supplier of scientific instrumentation that was acquired by Agilent Technologies in May 2010.</p>

Name	Age	Position	Principal Occupation and Business Experience
Thomas O. McGimpsey	51	Executive Vice President of Corporate Development, General Counsel and Corporate Secretary	<p>Mr. McGimpsey joined us in April 2009 as Vice President and General Counsel and was promoted to Executive Vice President of Corporate Development and General Counsel in August 2011. From February 2008 to April 2009, Mr. McGimpsey held the position of Vice President of Operations for First Data Corporation. During 2007, Mr. McGimpsey was a consultant and legal advisor to various companies. From July 2000 to January 2007, Mr. McGimpsey held various positions with McDATA Corporation such as Executive Vice President of Business Development & Chief Legal Officer, Senior Vice President & General Counsel and Vice President of Corporate Development. From February 1998 to its sale in June 2000, Mr. McGimpsey held the position of Director and Senior Corporate Attorney at US WEST, Inc. From 1991 to 1998, Mr. McGimpsey was in private practice at national law firms. From 1984 to 1988, Mr. McGimpsey was a Senior Engineer for Software Technology, Inc. Mr. McGimpsey received his Masters of Business Administration from Colorado State University (with honors) in 2008, his Juris Doctor degree from the University of Colorado in 1991 and his Bachelor of Science degree in Computer Science (with a minor in electrical systems) from Embry-Riddle Aeronautical University in 1984.</p>

Summary Compensation

The following table shows compensation information for fiscal 2010, 2011 and 2012 for the named executive officers.

Name and Principal Position	Year	Salary (\$)	Bonus (\$)	Stock Awards (\$) ⁽¹⁾	Option Awards (\$) ⁽¹⁾	Non-Equity Incentive Plan Compensation (\$) ⁽⁹⁾	Change in Pension Value	All Other Compensation (\$) ⁽⁷⁾	Total (\$)
							and Deferred Earnings (\$)		
Garry Rogerson,	2012	600,000				582,000		9,281	1,191,281
Chief Executive Officer ⁽²⁾	2011	218,462		194,625	1,337,099	250,000		643	2,000,829
Danny C. Herron,	2012	307,992		1,965,281	944,851	224,070		9,387	3,451,581
Executive Vice President and Chief Financial Officer ⁽³⁾	2011	307,367		172,219	692,962			9,237	1,181,783
	2010	88,956		27,188	108,025	91,000		3,300	318,470
Yuval Wasserman	2012	385,224		1,965,281	944,851	148,502		9,431	3,453,289
President, Thin Films Business Unit ⁽⁴⁾	2011			114,030	457,785			9,264	963,963
	2010	382,884		135,563	548,465	392,700		9,263	1,464,848
Gordon Tredger	2012	368,857	10,000 ⁽⁸⁾						
President, Solar Energy Business Unit ⁽⁵⁾	2012	259,992		1,965,281	944,851	193,449		3,565	3,367,138
Thomas McGimpsey	2012	283,512		1,965,281	944,851	206,246		9,144	3,409,034
Executive Vice President of Corporate Development and General Counsel ⁽⁶⁾	2011	275,767		50,680	181,661			8,655	516,763

(1) The performance-based Stock Awards and Option Awards listed in the Summary Compensation Table for 2012 relate to a full three years of the LTI Plan at 200% of target and no other grants are anticipated in 2013 and 2014 for these participants under such plan. The three years of Stock awards consist only of performance shares (also called restricted stock units) and such amount reflects the full grant date fair value in accordance with FASB ASC Topic 718. Likewise, the three years of Option Awards consist only of performance options and such amount also reflects the full grant date fair value in accordance with FASB ASC Topic 718. The assumptions used to calculate the value of Stock Awards and Option Awards are set forth under Note 14 of the Notes to Consolidated Financial Statements included in Advanced Energy's Annual Report on Form 10-K for fiscal year 2012 filed with the SEC on March 6, 2013.

(2) Mr. Rogerson became Chief Executive Officer of the Company on August 4, 2011. 2011 salary is pro-rated for time of service.

(3) Mr. Herron became the Company's Executive Vice President and Chief Financial Officer on September 1, 2010.

(4) As of August 8, 2011, Mr. Wasserman was named President of the Thin Films Business Unit of the Company.

(5) As of April 27, 2012, Mr. Tredger was named President of the Solar Energy Business Unit of the Company.

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- (6) As of August 8, 2011, Mr. McGimpsey was named Executive Vice President of Corporate Development and General Counsel of the Company.
- (7) All other compensation consists of 401(k) match, excess life insurance, and disability insurance payments made by the Company.
- (8) Includes a \$10,000 spot bonus for completion of the disposition of the Company's Mass Flow Controller product line on October 15, 2010.
- (9) For each named executive officer, the amount shown was paid in 2013 pursuant to the STI plan.

Grants of Plan-Based Awards

The following table shows all plan-based awards granted to the named executive officers during 2012. The option awards and the unvested portion of the stock awards identified in the table below are also reported in the Outstanding Equity Awards at 2012 Year-End Table on the following page.

2012 Grants of Plan-Based Awards

Name	Grant Date	Estimated Future Payouts Under Non-Equity Incentive Plan Awards ⁽¹⁾			Estimated Future Payouts Under Equity Incentive Plan Awards ⁽²⁾			All Other Stock Awards: Number of Shares of Stock or Underlying Securities		Exercise or Base Price of Option (\$/Sh)	Grant Date Fair Value of Stock and Option Awards ⁽³⁾
		Threshold (\$)	Target (\$)	Maximum (\$)	Threshold (#)	Target (#)	Maximum (#)	Units (#)	Options (#)		
Garry Rogerson			600,000	1,200,000							
Danny C. Herron	1/3/2012		231,000	462,000	82,724	165,447	330,894			11.02	2,910,132
Yuval Wasserman	1/3/2012		288,915	577,830	82,724	165,447	330,894			11.02	2,910,132
Gordon Tredger ⁽⁴⁾	1/3/2012		195,000	390,000	82,724	165,447	330,894			11.02	2,910,132
Thomas McGimpsey	1/3/2012		212,625	425,250	82,724	165,447	330,894			11.02	2,910,132

(1) Amounts shown are estimated payouts for 2012 under the Company's incentive compensation plan. These amounts are based on the individual's 2012 base salary and position. The maximum amount shown is 2.0 times the target bonus amount for each of the named executive officers. Actual bonuses received by these named executive officers for 2012 are reported in the Summary Compensation Table under the column entitled "Non-Equity Incentive Plan Compensation." Target and maximum estimates were calculated using base salary as of December 31, 2012.

(2) Reflects performance-based options and awards that vest upon the Company's achievement of certain return on net assets targets.

(3) The value of a stock award or option award is based on the fair value as of the grant date of such award determined pursuant to FASB ASC Topic 718. Stock awards consist only of performance shares (also called "restricted stock units"). The exercise price for all options granted to the named executive officers is 100% of the fair market value of the shares on the grant date. The option exercise price has not been deducted from the amounts indicated above. Regardless of the value placed on a stock option on the grant date, the actual value of the option will depend on the market value of the Company's common stock at such date in the futures when the option is exercised. The proceeds to be paid to the individual following this exercise do not include the option exercise price.

(4) As of April 27, 2012, Mr. Tredger was named President of the Solar Energy Business Unit.

Outstanding Equity Awards

The following table shows all outstanding equity awards held by the named executive officers during 2012. The following awards identified in the table below are also reported in the Grants of Plan-Based Awards Table on the previous page.

Name	Option Awards					Stock Awards		Equity Incentive Plan Awards: Market or Payout Value of Unearned Shares, Units or Other Rights That Have Not Vested (\$)
	Number of Exercisable Securities Underlying Unexercised Options (#)	Number of Unexercisable Securities Underlying Unexercised Options (#)	Equity Incentive Plan Awards: Number of Securities Underlying Unexercised Options (#) ⁽⁵⁾	Option Exercise Price (\$)	Option Expiration Date	Number of Shares or Units of Stock That Have Not Vested (#)	Market Value of Shares or Units of Stock That Have Not Vested (\$)	
Gary Rogerson ⁽¹⁾⁽³⁾			112,500	\$ 8.65	8/8/2014	15,000	\$ 207,150	
			112,500	\$ 8.65	8/8/2014			
	11,560	23,120		\$ 8.65	8/8/2021			
	40,940	81,880		\$ 8.65	8/8/2021			
Danny C. Herron ⁽²⁾						10,784	\$ 148,927	
	6,562	6,563		\$ 14.50	10/26/2020			
	6,562	19,688		\$ 14.52	2/15/2021			
	6,562	19,688		\$ 14.21	4/28/2021			
	6,562	19,688		\$ 12.44	7/22/2021			
	3,281	9,844		\$ 9.51	10/26/2021			
22,144		50,906	\$ 11.02	1/03/2022			59,392 \$ 820,203	
Yuval Wasserman ⁽²⁾						13,128	\$ 181,298	
	35,000			\$ 14.93	10/26/2017			
	18,750			\$ 12.19	2/15/2018			
	18,750			\$ 13.70	4/22/2018			
	18,750			\$ 14.02	7/29/2018			
	18,750			\$ 8.95	10/28/2018			
	9,843	3,282		\$ 7.69	2/19/2019			
	9,843	3,282		\$ 7.95	4/24/2019			
	9,843	3,282		\$ 11.21	7/21/2019			
	9,843	3,282		\$ 12.77	10/27/2019			
	7,874	7,876		\$ 15.65	2/16/2020			
	7,874	7,876		\$ 16.25	4/20/2020			
	7,874	7,876		\$ 13.85	7/20/2020			
	7,874	7,876		\$ 14.50	10/26/2020			
	3,937	11,813		\$ 14.52	2/15/2021			
	3,937	11,813		\$ 14.21	4/28/2021			
	3,937	11,813		\$ 12.44	7/22/2021			
3,937	11,813		\$ 9.51	10/26/2021				
22,144		50,906	\$ 11.02	01/03/2022			59,392 \$ 820,203	
Gordon Tredger ⁽²⁾⁽⁴⁾	22,144		50,906	\$ 11.02	01/03/2022		\$	59,392 \$ 820,203
Thomas McGimpsey ⁽²⁾						5,442	\$ 75,154	
	3,937	1,313		\$ 7.95	4/24/2019			
	3,937	1,313		\$ 11.21	7/21/2019			
	3,937	1,313		\$ 12.77	10/27/2019			
	5,250	5,250		\$ 15.65	2/16/2020			
	2,624	2,626		\$ 16.25	4/20/2020			
	2,624	2,626		\$ 13.85	7/20/2020			

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2,624	2,626	\$ 14.50	10/26/2020		
1,562	4,688	\$ 14.52	2/15/2021		
1,562	4,688	\$ 14.21	4/28/2021		
1,562	4,688	\$ 12.44	7/22/2021		
1,562	4,688	\$ 9.51	10/26/2021		
22,144		50,906	\$ 11.02	01/03/2022	59,392 \$ 820,203

- (1) Equity Incentive Plan Awards vest upon the Company's achievement of certain target stock prices. Equity Incentive Plan Awards that do not vest expire 3 years following the date of issuance. Remaining options vest in equal annual installments over 3 years.
- (2) All options expire 10 years following the date of issuance. Options issued from 2005 to 2011 vest twenty five percent (25%) per year over four (4) years. Options issued from 1999 to 2004 vest 25% after one (1) year and six and one quarter percent (6.25%) per quarter over the following three (3) years. Options issued in 2012 vest in three annual installments upon the Company's achievement of target return on net assets in each annual period.
- (3) Mr. Rogerson became the Company's Chief Executive Officer on August 4, 2011.
- (4) Mr. Tredger became the Company's President of the Solar Energy Business Unit on April 27, 2012.
- (5) Calculated based on target payout.

Option Exercises and Stock Vested

The following table shows all stock options exercised and value realized upon exercise, as well as all stock awards vested and value realized upon vesting, by the named executive officers during 2012.

Option Exercises and Stock Vested for 2012

Name	Option Awards		Stock Awards	
	Number of		Number of	
	Shares	Value	Shares	Value
	Acquired on Exercise (#)	Realized on Exercise (\$)	Acquired on Vesting (#)	Realized on Vesting (\$) ⁽¹⁾
Garry Rogerson			7,500 ⁽²⁾	93,600
Danny C. Herron			3,748 ⁽³⁾	43,074
Yuval Wasserman	30,464	153,917	6,374 ⁽⁴⁾	74,253
Gordon Tredger				
Thomas McGimpsey			2,500 ⁽⁵⁾	28,892

(1) The value realized equals the market value of the Company's common stock on the release date, multiplied by the number of shares that vested.

(2) Of this amount, 2,756 shares were withheld by the Company to cover tax withholding obligations.

(3) Of this amount, 1,202 shares were withheld by the Company to cover tax withholding obligations.

(4) Of this amount, 2,040 shares were withheld by the Company to cover tax withholding obligations.

(5) Of this amount, 825 shares were withheld by the Company to cover tax withholding obligations.

Pension Benefits

Advanced Energy's named executive officers neither received nor accrued any benefits in 2012 from the Company under defined pension or defined contribution plans other than the tax-qualified 401(k) Plan. Advanced Energy does not maintain any plan that provides for payments or other benefits at, following, or in connection with retirement other than the tax-qualified 401(k) Plan.

Nonqualified Deferred Compensation

Advanced Energy does not maintain a non-qualified deferred compensation plan.

Potential Payments upon Termination or Change in Control

The following table describes the potential payments and benefits under the Company's compensation and benefit plans and arrangements to which the named executive officers would be entitled upon termination of employment.

Name	Benefits	Change in Control Termination w/o Cause or for Good Reason ⁽¹⁾⁽²⁾⁽¹²⁾	Voluntary Termination	Death	Long-Term Disability
Garry Rogerson ⁽¹¹⁾	Prorated target bonus	\$ 600,000 ⁽³⁾		\$ 600,000 ⁽⁹⁾	\$ 152,988 ⁽¹⁰⁾
	Severance	1,200,000 ⁽⁴⁾			
	Target bonus	600,000 ⁽⁶⁾			
	Outplacement Services	15,000 ⁽⁷⁾			
Danny C. Herron	Prorated target bonus	231,000 ⁽³⁾		600,000 ⁽⁹⁾	152,988 ⁽¹⁰⁾
	Severance	308,000 ⁽⁵⁾			
	Target bonus	231,000 ⁽⁶⁾			
	Outplacement services	15,000 ⁽⁷⁾			
Yuval Wasserman	Continuation of insurance	21,980 ⁽⁸⁾			
	Prorated target bonus	288,915 ⁽³⁾		600,000 ⁽⁹⁾	152,988 ⁽¹⁰⁾
	Severance	385,220 ⁽⁵⁾			
	Target bonus	288,915 ⁽⁶⁾			
	Outplacement services	15,000 ⁽⁷⁾			
Gordon Tredger	Continuation of insurance	38,250 ⁽⁸⁾			
	Prorated target bonus	195,000 ⁽³⁾		520,000 ⁽⁹⁾	152,988 ⁽¹⁰⁾
	Severance	260,000 ⁽⁵⁾			
	Target bonus	195,000 ⁽⁶⁾			
	Outplacement services	15,000 ⁽⁷⁾			
Thomas McGimpsey	Continuation of insurance	38,128 ⁽⁸⁾			
	Prorated target bonus	212,625 ⁽³⁾		567,000 ⁽⁹⁾	152,988 ⁽¹⁰⁾
	Severance	283,500 ⁽⁵⁾			
	Target bonus	212,625 ⁽⁶⁾			
	Outplacement services	15,000 ⁽⁷⁾			

Continuation of insurance	37,950 ⁽⁸⁾
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- (1) Pursuant to the Company's Executive Change in Control Severance Agreement, Cause means any of the following: (i) the executive's (A) conviction of a felony; (B) commission of any other material act or omission involving dishonesty or fraud with respect to the Company or any of its affiliates or any of the customers, vendors or suppliers of the Company or its affiliates; (C) misappropriation of material funds or assets of the Company for personal use; or (D) engagement in unlawful harassment or unlawful discrimination with respect to any employee of the Company or any of its subsidiaries; (ii) the executive's continued substantial and repeated neglect of his duties, after written notice thereof from the Board of Directors, and such neglect has not been cured within 30 days after the executive receives notice thereof from the Board of Directors; (iii) the executive's gross negligence or willful misconduct in the performance of his duties hereunder that is materially and demonstrably injurious to the Company; or (iv) the executive's engaging in conduct constituting a breach of his written obligations to the Company in respect of confidentiality and/or the use or ownership of proprietary information.
- (2) Pursuant to the Company's Executive Change in Control Severance Agreement, Good Reason means any of the following: (i) a material reduction in the executive's duties, level of responsibility or authority, other than (A) a change in title only, or (B) isolated incidents that are promptly remedied by the Company; (ii) a reduction in the executive's base salary, without (A) the executive's express written consent or (B) an increase in the executive's benefits, perquisites and/or guaranteed bonus, which increase(s) have a value reasonably equivalent to the reduction in base salary; (iii) a reduction in the executive's target bonus, without (A) the executive's express written consent or (B) a corresponding increase in the executive's base salary; (iv) a material reduction in the Benefits, taken as a whole, without the executive's express written consent; (v) the relocation of the executive's principal place of business to a location more than thirty-five (35) miles from the executive's principal place of business immediately prior to the change in control, without the executive's express written consent; or (vi) the Company's (or its successor's) material breach of the Company's Executive Change in Control Severance Agreement.
- (3) Assumes December 31, 2012 termination date. Executive to receive a pro rata portion of target bonus.
- (4) Executive to receive a lump sum payment equal to two (2) times his then current annual base salary.
- (5) Executive to receive a lump sum payment equal to one (1) time his then current annual base salary.
- (6) Executive to receive a lump sum payment equal to one (1) time his then current target bonus.

- (7) Executive may be reimbursed for up to \$15,000 in outplacement services.
- (8) Executive to receive: (a) continuation of insurance and all other benefits for eighteen (18) months following the date of termination, and (b) an amount equal to the contributions that would have been made to the Company's retirement plans on his behalf if he had continued to be employed for eighteen (18) months following the date of termination.
- (9) Executive to receive the proceeds of any life insurance policy carried by the Company with respect to the Executive.
- (10) Executive to receive annual annuity payments under any long-term disability insurance policy carried by the Company with respect to the Executive.
- (11) Mr. Rogerson became the Company's Chief Executive Officer on August 4, 2011.
- (12) As described on page 27 of the proxy statement under the heading "Other Compensation" in the Executive Compensation section and as described in the footnotes above, under the Executive Change in Control Severance Agreement, in the event of an executive's termination without Cause or for Good Reason following an actual or during a pending change in control, all stock options and other equity awards then held by the executive so terminated become fully vested and exercisable. For further information regarding the executives' long-term equity incentive compensation and awards (including awards under the LTI Plan) please refer to the Executive Compensation section on pages 21-28 of the proxy statement. Such accelerated vesting could result in payouts to the executives in such circumstances.

Policies and Procedures with Respect to Related Party Transactions

The Board is committed to upholding the highest legal and ethical standards of conduct in fulfilling its responsibilities and recognizes that transactions with the Company involving related parties can present a heightened risk of potential or actual conflicts of interest. Accordingly, as a general matter, it is the policy of the Company to avoid related party transactions.

The Company's policy in respect of related party transactions is evidenced in the charters and guidelines of the committees of the Board referenced in our proxy statement and Code of Ethical Conduct. The types of transactions covered by the policy are (1) those transactions as described under FASB ASC Topic 850 or required to be disclosed in the Company's financial statements or periodic filings with the SEC, (2) any monetary engagement between a Board member and the Company or an officer and the Company and (3) business or personal relationships between Board members. As a general matter, it is the policy of the Company to avoid related party transactions. Any related party transaction that does arise must be reviewed and approved by both the Nominating and Governance and Audit and Finance Committees. All of the members of these committees are independent directors. Such committees, in determining whether to approve the transaction, review the facts and circumstances in respect of the transaction for conflicts of interest, any anticipated effect on a Board member's independent decision-making or judgment in respect of matters affecting the Company, any anticipated effect on a Board member's ability to commit sufficient time and attention to the Board and other standards deemed appropriate by the committee members in light of the particular transaction being reviewed.

In addition, the Audit and Finance Committee is responsible for reviewing and investigating any matters pertaining to the integrity of management, including conflicts of interests and adherence to the Company's Code of Ethical Conduct. Under the Code of Ethical Conduct, directors, officers and all other members of the workforce are expected to avoid any relationships, influence or activity that would cause or even appear to cause a conflict of interest.

Certain Relationships and Related Transactions

Advanced Energy leases its executive offices and certain manufacturing facilities in Fort Collins, Colorado from Sharp Point Properties, LLC. On December 28, 2011, Advanced Energy and Sharp Point Properties entered into a Lease Termination Agreement with respect to its office and manufacturing facilities effective as of December 31, 2011. On December 28, 2011, Advanced Energy and Sharp Point Properties, LLC agreed to terminate the existing leases for its executive offices and research and development facilities and enter into new lease agreements for these facilities. The new leases have terms beginning January 1, 2012 and expiring December 31, 2021. The executive office lease provides for base rent of \$34,493, triple net, plus annual increases of 3%, for the period from January 1, 2013 through December 31, 2021. The research and development facility

lease provides for base rent starting at \$85,843 per month, triple net, decreases in 2016 to \$55,673 a month and thereafter is subject to annual increases of 3% for the period January 1, 2017 through December 31, 2021.

Aggregate payments under such leases for 2012 totaled approximately \$1.8 million. Douglas S. Schatz, Chairman of the Board of Advanced Energy, holds a 26.67% membership interest in each of these leasing entities. Mr. Schatz did not participate in the negotiations of these leases and amendments. Future minimum lease payments related to these properties is \$11.7 million.

Members of our Board of Directors hold various executive positions and serve as directors at other companies, including companies that are our customers. During the year ended December 31, 2012 we had sales to two such companies totaling approximately \$583,000 and no aggregate accounts receivable from such customers at December 31, 2012. With respect to one of these customers, SiTiZn Holdings, a German-based company, and its subsidiary Solayer, Douglas S. Schatz, Chairman of the Board of Advanced Energy, holds a direct controlling equity interest in SiTiZn and is a board member. For the year ended December 31, 2012, Solayer ordered approximately \$175,000 of our power products and training services. Concerning sales to the other customer (Intevac), no member of the Board of Directors had a direct or indirect material interest in the transactions.

All transactions with these companies have been made in the ordinary course of business on arms-length terms, and the members of our Board of Directors have not personally participated in these transactions on behalf of these companies or Advanced Energy.

SECTION 16(a) BENEFICIAL OWNERSHIP REPORTING COMPLIANCE

Section 16(a) of the Securities Exchange Act of 1934, as amended, requires Advanced Energy's executive officers and directors and persons who own more than ten percent (10%) of the outstanding common stock (reporting persons) to file with the Securities and Exchange Commission an initial report of ownership on Form 3 and changes in ownership on Forms 4 and 5. The reporting persons are also required to furnish Advanced Energy with copies of all forms they file, including any amendments thereto. Due to an administrative oversight, the May 2012 grant of 8,000 RSUs to the non-executive Directors was not reported until December 5, 2012. This oversight resulted in 1 late filing in respect of 1 transaction for each of Messrs. Ball, Beck, Doan, Grady, Hudgens, Rohrs and Schatz. Additionally, as reported in a Form 5 filed on January 28, 2013, Mr. Beck reports a gift of 200 shares received by his wife in 2005, which transaction was not previously reported, resulting in a total of 2 late filings with respect to 2 separate transactions. Except as noted above, based solely on its review of the copies of forms received by it and written representations from the reporting persons, Advanced Energy believes that each of the reporting persons timely filed all reports required to be filed in 2012 or with respect to transactions in 2012.

CORPORATE GOVERNANCE MATTERS

Codes of Conduct and Ethics

Advanced Energy has adopted Codes of Ethical Conduct that apply to the Board of Directors and employees. These Codes of Ethical Conduct are available on our website at www.advancedenergy.com. Any waivers of, or amendments to, our Codes of Ethical Conduct will be posted on our website.

Communications with Directors

The Board of Directors has established a process to receive communications from stockholders and other interested parties. Stockholders and other interested parties may contact any member, or all members, of the Board of Directors electronically or by mail. Electronic communications should be addressed to boardmembers@aei.com. Mail may be sent to any director or the Board of Directors in care of Advanced Energy's corporate office at 1625 Sharp Point Drive, Fort Collins, CO 80525. All such communications will be

forwarded to the full Board of Directors or to any individual director to whom the communication is addressed unless the communication is clearly of a marketing or inappropriate nature. It is the Board of Director's practice to encourage all Board members to attend the Company's annual stockholder meeting, although no written policy has been adopted in that regard.

PROPOSALS OF STOCKHOLDERS

Proposals, including director nominations, that a stockholder desires to have included in Advanced Energy's proxy materials for the 2014 Annual Meeting of Stockholders of Advanced Energy in accordance with Rule 14a-8 under the Securities Exchange Act of 1934, as amended, must be received by the Secretary of Advanced Energy at its principal office (1625 Sharp Point Drive, Fort Collins, Colorado 80525) no later than November 15, 2013 and must otherwise comply with the requirements of Rule 14a-8 in order to be considered for inclusion in such proxy materials. The proxy solicited by management of Advanced Energy for the 2013 Annual Meeting of Stockholders will confer discretionary authority to vote on any stockholder proposal presented at that meeting, unless Advanced Energy was provided with notice of the proposal no later than January 29, 2013.

In order for proposals of stockholders made outside the processes of Rule 14a-8 under the Securities Exchange Act of 1934, as amended, to be considered timely for purposes of Rule 14a-4(c) under the Securities Exchange Act 1934, as amended, the proposal must be received by the Secretary of the Company at the principal executive offices of the Company not later than January 28, 2014. Additionally, stockholder proposals made outside the processes of Rule 14a-8 under the Securities Exchange Act of 1934, as amended, must be received at the Company's principal executive offices, in accordance with the requirements of the By-laws, between the close of business on January 31, 2014 and the close of business on March 2, 2014; provided, however, that in the event that the 2014 Annual Meeting of Stockholders is called for a date that is not within 30 days before or after the date of the 2013 Annual Meeting of Stockholders, notice by stockholders in order to be timely must be delivered not earlier than the close of business on the 90th day prior to the date of the 2014 Annual Meeting of Stockholders and not later than the 60th day prior to the date of the 2014 Annual Meeting of Stockholders. In the alternative, if the first public announcement of the date of the 2014 Annual Meeting of Stockholders is less than 70 days prior to the date of such annual meeting, notice by stockholders must be delivered no later than the 10th day following the day on which public announcement of the date of such meeting is first made by the Company in order to be timely. In no event shall any adjournment or postponement of an annual meeting or the announcement thereof commence a new time period for the giving of a stockholder's notice as described above. Stockholders are advised to review the By-laws, which contain additional requirements with respect to advance notice of stockholder proposals and director nominations.

FORM 10-K

A copy of Advanced Energy's 2012 Annual Report on Form 10-K is included in the 2012 Annual Report to Stockholders accompanying this proxy statement. You can request an additional copy of the 2012 Annual Report on Form 10-K by mailing a request to the Secretary of Advanced Energy at 1625 Sharp Point Drive, Fort Collins, Colorado 80525.

REPRESENTATION AT THE ANNUAL MEETING

It is important that your stock be represented at the meeting, regardless of the number of shares that you hold. You are therefore urged to execute and return, at your earliest convenience, the accompanying proxy card in the envelope that has been enclosed or vote your shares by telephone or Internet as described on the proxy card. Instructions as to how to deliver your proxy are included in this proxy statement under the caption "Delivery and Revocability of Proxies" on page 3 and on the proxy card.

THE BOARD OF DIRECTORS

Dated: March 22, 2013

Fort Collins, Colorado

Advanced Energy Industries, Inc.

ANNUAL MEETING OF ADVANCED ENERGY INDUSTRIES, INC.

Date: May 1, 2013
Time: 10:00 A.M. (Mountain Daylight Time)
Place: 1625 Sharp Point Drive Fort Collins, Co 80525

See Voting Instruction on Reverse Side.

Please make your marks like this: x Use dark black pencil or pen only

Board of Directors Recommends a Vote **FOR** proposals 1, 2 and 3

	Directors		
1: Election of 7 Directors	For	Withhold	Recommend i
01 Douglas S. Schatz	For
02 Frederick A. Ball	For
03 Richard P. Beck	For
04 Garry Rogerson	For
05 Edward C. Grady	For
06 Terry Hudgens	For
07 Thomas M. Rohrs	For

	Directors			
	For	Against	Abstain	Recommend i
2: Ratification of the appointment of Grant Thornton LLP as Advanced Energy's independent registered public accounting firm for 2013.	For
3: Advisory approval on the company's executive compensation.	For
4: Any other matters of business properly brought before the meeting.				

To attend the meeting and vote your shares in person, please mark this box.

Authorized Signatures - This section must be completed for your Instructions to be executed.

Please Sign Here

Please Date Above

Please Sign Here

Please Date Above

Please sign exactly as your name(s) appears on your stock certificate. If held in joint tenancy, all persons should sign. Trustees, administrators, etc., should include title and authority. Corporations should provide full name of corporation and title of authorized officer signing the proxy.

Advanced Energy Industries, Inc.

Annual Meeting of Advanced Energy Industries, Inc.

to be held on Wednesday, May 1, 2013

for Holders as of March 4, 2013

This proxy is being solicited on behalf of the Board of Directors

VOTED BY:

INTERNET

TELEPHONE

Go To
www.proxypush.com/aeis

866-390-9955
Use any touch-tone telephone.

Cast your vote online.

OR

Have your Voting Instruction Form ready.

View Meeting Documents.

Follow the simple recorded instructions.

MAIL

OR Mark, sign and date your Voting Instruction Form.

Detach your Voting Instruction Form.

Return your Voting Instruction Form in the postage-paid envelope provided.

By signing the proxy, you revoke all prior proxies and appoint Garry Rogerson and Thomas O. McGimpsey, and each of them acting in the absence of the other, with full power of substitution to vote your shares on matters shown on the Voting Instruction form and any other matters that may come before the Annual Meeting and all adjournments.

All votes must be received by 5:00 P.M., Eastern Time, April 30, 2013.

PROXY TABULATOR FOR

ADVANCED ENERGY INDUSTRIES, INC.

P.O. BOX 8016

CARY, NC 27512-9903



EVENT #

CLIENT #

OFFICE #

Revocable Proxy Advanced Energy Industries, Inc.

Annual Meeting of Shareholders

May 1, 2013, 10:00 A.M. (Mountain Daylight Time)

This Proxy is Solicited on Behalf of the Board of Directors

The undersigned hereby constitutes and appoints Garry Rogerson and Thomas O. McGimpsey, and each of them, his, her or its lawful agents and proxies with full power of substitution in each, to represent the undersigned, and to vote all of the shares of common stock of Advanced Energy Industries, Inc. which the undersigned may be entitled to vote at the Annual Meeting of Stockholders of Advanced Energy Industries, Inc., 1625 Sharp Point Drive, Fort Collins, Co 80525 on Wednesday, May 1, 2013 at 10:00 a.m., local time, and at any adjournment or postponement thereof, on all matters coming before the meeting.

This proxy is revocable and will be voted as directed. However, if no instructions are specified, the proxy will be voted:

FOR the nominees for directors specified in Item 1 and FOR each of Items 2 and 3.

(CONTINUED AND TO BE SIGNED ON REVERSE SIDE)