



Acorn Energy Inc. Announces Quarterly Dividend, and Second Quarter Earnings Call

Wilmington, Del., August 2, 2012 - Acorn Energy, Inc. (NASDAQ: ACFN) an energy technology holding company, today announced that its Board of Directors has approved a dividend of \$0.035 per share to be paid on September 4, 2012 to common stockholders of record on August 17, 2012. The dividend is a continuation of Acorn Energy's policy to pay a regular quarterly per share dividend of \$.035 per quarter.

John Moore, Chairman & CEO said "We are pleased at our continued ability to offer our valued shareholders a dividend on Acorn stock. It is our belief that the ongoing progress of our four portfolio companies and Acorn's unwavering support of them will continue to drive shareholder value."

Acorn also announced that John A. Moore, Chairman of the Board and CEO of Acorn Energy, will host an investor call on August 10, 2012 at 11am EDT to discuss its second quarter 2012 results and developments. The Company will release financial results for the second quarter the afternoon of August 9, 2012 after the market closes.

Participants can pre-register for the conference call and webcast by accessing the link below. Pre-registering gives one immediate entry into the call, zero wait time and will automatically populate your outlook calendar with an invitation. <http://services.choruscall.com/diamondpass/registration?confirmationNumber=10017194>

Participants that would like to join the conference call, but have not registered, can do so by dialing US Toll Free: (866) 652-5200, International Dial in (412) 317-6060 and asking for the "Acorn Energy Conference Call". If you are unable to participate in the live call, a digital replay of the call will be available through 9:00am EDT on Monday August 27, 2012 by dialing US Toll Free 1-877-344-7529 or International Toll 1-412-317-0088 and entering access code - 10017194.

About Acorn Energy, Inc.

Acorn Energy, Inc. is a holding company focused on making energy better by providing digital solutions for energy infrastructure asset management. The four businesses in which we have controlling interests, improve the world's energy infrastructure by making it: more secure - providing security solutions for underwater energy infrastructure (DSIT); more reliable - providing condition-based monitoring to critical assets on the electric grid (GridSense, OmniMetrix) and more productive and efficient - increasing oil and gas production while lowering costs through use of permanent ultra-high sensitive seismic tools that allow for a more precise picture of reservoirs (US Seismic). For more information visit: <http://www.acornenergy.com>.

Safe Harbor Statement

This press release includes forward-looking statements, which are subject to risks and uncertainties. There is no assurance that Acorn Energy, Inc. or its operating companies will continue to grow their respective businesses, or that any of them will meet the expectations or execute the initiatives described or referred to above. A complete discussion of the risks and uncertainties which may affect Acorn Energy's business generally and the businesses of its subsidiaries is included in "Risk Factors" in the Company's most recent Annual Report on Form 10-K and its most recent 10-Q as filed by the Company with the Securities and Exchange Commission.

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