

Acorn Energy to Host 2012 First Quarter Conference Call on Friday, May 11, 2012 at 11:00 am EDT

MONTCHANIN, Del., May 4, 2012 - Acorn Energy, Inc. (NASDAQ: ACFN) today announced that John A. Moore, Chairman of the Board and CEO of Acorn Energy, will host an investor call on Friday, May 11, 2012 at 11am EDT to discuss its first quarter 2012 results and developments. The Company will release financial results for the first quarter the afternoon of Thursday, May 10, after the market closes.

To participate in the conference call, please dial 800-860-2442 or 412-858-4600 (Intl) (no pass code required). If you are unable to participate in the live call, a digital replay of the call will be available through 9:00am on Monday, May 28, 2012 by dialing 877-344-7529 or 412-317-0088 and entering access code # 10014008.

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 the Company and its operating companies will be able to achieve the expected growth in revenue or meet the other expectations 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 as filed by the Company with the Securities and Exchange Commission.

Investor Contact:

Paul G. Henning
Cameron Associates
(212) 554-5462

Paul@cameronassoc.com