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OmniMetrix To Debut Newly Developed Pipeline Monitoring System At The National Association Corrosion Engineers (NACE) International Show

BUFORD, GEORGIA, (March 13, 2012)...OmniMetrix, LLC, an Acorn Energy company, will mark its eighth appearance at the NACE International Show in Salt Lake City, Utah, March 13-17. OmniMetrix's growing presence in the anti-corrosion marketplace will be heralded by a display of its Computer Automated Test Station.

The new Computer Automated Test Station is a "smart" monitor that not only delivers information, but can also receive and execute commands, allowing the user to reprogram it and clear existing alarms remotely, and run a full array of diagnostic tests without having to visit the site. This technology works hand-in-hand with the OmniMetrix Pipe-to- Soil Monitor and Rectifier Monitor creating a comprehensive and technologically advanced corrosion protection monitoring system.

"There are over 2 million miles of pipeline in the gas transportation system, and a shortage of engineers, technicians and funding to provide adequate manpower to ensure safe monitoring. Our breakthrough technology is what utilities and engineers have been waiting for years to see developed. We have it here and now!" said Deena Redding, President of OmniMetrix.

OmniMetrix has a complete line of Cathodic Protection products to monitor pipeline integrity 24/7. First, the Rectifier Monitor measures and reports the voltage and current being directly applied to the steel pipeline by the rectifier. Next, the Pipe-to-Soil Monitor measures and reports the *actual* voltage at specific protected points along the pipeline, to determine the variation and pinpoint vulnerable areas. Finally, the Coupon Monitor measures the characteristics of an unprotected steel coupon for a complete diagnostic picture for pipeline corrosion protection.

"Acorn is always seeking to create stockholder value by solving severe energy industry problems with proven category creating technologies. Increasingly energy is about infrastructure and logistics. For example there is currently almost a \$30 difference between a barrel of oil at the wellhead in the Bakken Shale versus the NYMEX market price. There is reluctance to expand our pipelines because of potentially negative environmental impacts from spills. America has the world's largest and oldest pipeline network. Our pipeline network is a critical asset supporting the US's pioneering efforts in the unconventional oil and gas revolution and achieving our goal of energy self-sufficiency. Acorn is seeking to assemble a suite of industry leading digital solutions for pipeline monitoring that can help the industry maintain and expand this network safely, reliably and affordably." said John Moore, CEO of Acorn Energy.

About Acorn Energy, Inc.

Acorn Energy, Inc. (NASDAQ: ACFN) 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 OmniMetrix or Acorn Energy, Inc. will continue to grow their respective businesses, execute the initiatives described above or meet the expectations described 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.