

OmniMetrix Introduces 4G Enabled Technology & Unique Pricing Options at the International CTIA Wireless 2012

BUFORD, GEORGIA, (May 4, 2012) - OmniMetrix LLC, an Acorn Energy company, will mark its 5th appearance at the International CTIA Wireless in New Orleans, LA., May 8-10, 2012. "We will be introducing our new 4G enabled product lines for generator monitoring control. By developing 4G enabled devices now, our customers will be safely transitioned to the latest technology long before legacy systems are phased out," said Deena Redding, President of OmniMetrix. "The industry unique pricing structures we have developed for our G8500 products that monitor emergency generator systems are turning residential & industrial consumers into lasting customers."

In 1998, OmniMetrix introduced the world's first cellular wireless remote monitoring system designed specifically for emergency power generators. OmniMetrix's products deliver critical, real-time machine information to customers, while its Smart Service™ software provides remote diagnostics that give users real control over their equipment — no matter where it is located.

"Two distinct wireless product offerings coupled with OmniMetrix's growing presence in the wireless monitoring world makes attendance at this show a natural fit," concluded Redding.

About OmniMetrix, LLC

OmniMetrix, LLC, the world leader in remote on-site power generation monitoring provides expert capabilities in the design and development of wireless field devices and internet-connected data management systems. This includes microprocessor-based, miniature, on-machine field equipment, fully redundant SQL-based data management, and web-delivered equipment status pages. In addition, our pipeline corrosion protection line is led by the Computer Automated Test Station which works hand-in-hand with the OmniMetrix Pipe-to- Soil Monitor and Rectifier Monitor creating a comprehensive and the most technologically advanced wireless corrosion protection monitoring system available. For more information visit: <http://www.omnimetrix.net>.

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 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.

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