

## **OMNIMETRIX, an Acorn Energy Company, Provides Fail-Safe Solution for Critical Infrastructure During Hurricane Sandy *Announces Orders From Multiple Wireless Tower Owners***

Buford, GA (October 31, 2012) – OMNIMETRIX, LLC, an Acorn Energy, Inc. (NASDAQ:ACFN) company which monitors thousands of generators all over the world, provided critical information and visibility into their customers' generators to ensure continued operations throughout Hurricane Sandy's landfall. OMNIMETRIX customers are operators of critical infrastructure like emergency first responders, mass transit systems, hospitals, utilities and cell towers. "In times of natural disaster back-up power becomes essential. Ensuring that back-up power works when called upon is the mission of our dedicated team of professionals. With millions of people without power as the result of Hurricane Sandy we pray for the rapid restoration of power and essential services," said Deena Redding, President of OMNIMETRIX, LLC.

In the first few weeks of the fourth quarter OMNIMETRIX has received orders for over 500 of its industry leading G8500 generator monitoring devices for immediate installation. These devices will be deployed by wireless cell tower owners throughout the US. The OMNIMETRIX device monitors hundreds of data points of a generator's current and historic performance. There are over 220,000 cell towers in the US and to date only 40% or less have on-site back-up generators. A growing percentage of cell tower operators use remote monitoring to ensure the reliability of their networks. The explosion in growth in the general population whose only access to emergency 911 is through a cell phone, up to 34%, is a major driver behind the need for improved cell site reliability.

The Cell Tower Industry Association (CTIA) published a report that wireless data grew 123% in 2011 with the number of active smart phones up 43% to over 111 million units. In order to handle the massive demand for wireless data, U.S. mobile carriers are continuing to invest in their networks through 4G upgrades and increased coverage and capacity with more cell sites.

"Elite tower owners employ generators as back-up power for their cell tower networks. The best of the best are utilizing OMNIMETRIX generator monitoring devices to ensure absolute reliability of their back-up power," said Ms. Redding.

"These orders and the vital back-up power they will be monitoring underscore the growing concerns about the reliability of the US grid and the need for essential services to have back-up power," added Redding.

"With the plunging cost of servers and the virtualization of storage there is a huge secular push from the traditional need for reliability at the data center out to the wireless infrastructure that transports the data. OMNIMETRIX is perfectly positioned to support the nation's leading wireless companies in their efforts to harden and remotely monitor their infrastructure to provide the mission critical reliability they require," stated John Moore, CEO of Acorn Energy.

### **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 on-machine field equipment, fully redundant SQL-based data management, and web-delivered equipment status pages. In addition, its 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 technologically advanced wireless corrosion protection monitoring system. For more information visit:

<http://www.omnimetrix.net>.

### **About Acorn Energy, Inc.**

Acorn Energy, Inc. (NASDAQ: ACFN) the digital energy company is a holding company focused on making energy better by providing digital solutions for energy infrastructure asset management. The four businesses in which it has 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 its most recent Annual Report on Form 10-K and its most recent 10-Q as filed by Acorn Energy with the Securities and Exchange Commission.

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