

OMNIMETRIX Debuts Expanded Product Line & VP/Founder Harold Jarrett Presents at PowerGen International Orlando

Buford, GA (December 6, 2012) – OMNIMETRIX, LLC, an Acorn Energy company, will be in Orlando, Florida December 10-13, 2012 for the POWER-GEN International Conference. OMNIMETRIX (OMN) will be displaying their new G8700 Low-Power Mobile Generator Monitoring System at Booth #2139 in the Electrical Generating Systems Association (EGSA) section. This system will be of value to mobile generator rental fleet owners and cellular carriers who rely on mobile systems for emergency backup power.

Cell phone tower owners have large fleets of mobile generators stored in yards available for rapid deployment when outages occur that outlast the 4-8 hour life of cellular tower onsite batteries. These fleets sit for extended periods exposed to weather elements that can contribute to their failure when they are called into action. The G8700 low power system allows the user to remotely monitor crucial data points including the two most important points: battery strength and fuel level. The low power G8700 operates at 65 micro amps, which is below the self-discharge rate of the idle battery, eliminating any parasitic concerns.

In addition to reliability, rental fleet owners face the challenges of unit theft and detection and monitoring actual usage of their systems. With the built in GPS functionality and movement detection capability of the G8700, fleet owners can track the deployment patterns of each individual backup power system and differentiate between real location changes and incidental movement. In addition, on a real time basis, the owner can monitor the actual run time of every unit in the field, which allows for pinpoint accuracy in usage billing leading to enhanced revenue for the owner.

“The G8700 is the latest product developed by OMN to satisfy an overwhelming need on the part of customers and with a combined universe of hundreds of thousands of mobile generators, the potential growth for this new product is exciting,” said Deena Redding, OMN President & CEO.

OMN Vice-President and Founder, Harold Jarrett, will be presenting on a panel entitled: “Doomsday Power – Tapping On-Site Power for Facility-Wide Energy Surety” from 9:30-11:30 am on Wed., Dec. 12, Room S312. Jarrett’s presentation “*Remote Diagnostics & Failure Prevention on Standby Generator Systems*”, is a must see for those who want to understand the OMN value proposition. “OMNIMETRIX industry awareness is growing across the globe and our steadfast participation in POWER-GEN conferences continues to put us in front of potential, new and long term customers,” stated Mr. Jarrett.

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.

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 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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