

GridSense, an Acorn Energy Company, Announces Another Order With A Large Midwest Utility

Sacramento, CA – November 11, 2013 – GridSense, an Acorn Energy Company (NASDAQ:ACFN), announced that a large Midwestern utility recently concluded a year-long pilot of the LineIQ® monitoring solution for older distribution substations. During the pilot, LineIQ not only demonstrated its efficacy at providing load profile and other information to help the utility gauge substation health, but also its ability to do so at a fraction of the usual metering cost. As a result, the utility has ordered 150 LineIQ units for deployment to more than 50 sites over the next year.

Lack of substation intelligence is a major problem at US utilities. Many of these substations house aging and vulnerable transformers. In order to guarantee the safety and reliability of the power supply, utilities need to monitor the transformer load profiles in order to identify substations that are at or near capacity; that is, if they're running "hot."

At approximately \$5,000 for a set of 3 LineIQ Sensors and remote communications, the solution can be a fraction of the cost of many substation automation projects, which can easily run up to twenty times as much. With substation intelligence at the top of most utility's smart grid to-do lists, the market potential for this highly cost-effective application is significant.

"As evidenced by this and other recent announcements, GridSense is starting to gain momentum not only in securing pilots, but in converting them to larger scale rollouts. We believe this LineIQ rollout also validates GridSense's recently updated strategy, said Joe Musanti, President & CEO of GridSense. "This order is a testament to the focused efforts of our relationship managers as they hone in on our high-value pilots as well as our customer support team who have really put on a full-court press to meet the customer's specific requirements. Our approach should help deepen our customer relationships, help ensure both successful pilots, and result in additional system rollouts. "

About GridSense

GridSense is a smart grid technology company dedicated to providing innovative, practical and cost effective monitoring solutions to the electric power industry. Utilizing in-depth industry knowledge and understanding of utility requirements, we provide technology and services that help the industry address the limitations of old and aging infrastructure. We apply experience and technical know-how with new insight and ideas to create intelligent, reliable and leading edge technologies that add value to our customers and shape the future of the modern electrical power system. For more information visit (www.gridsense.com).

About Acorn Energy, Inc.

Acorn Energy, Inc. is a holding company whose four portfolio companies help their customers achieve greater productivity, reliability, security, and efficiency—factors which can lead to greater profitability. GridSense provides monitoring for all critical points along the electricity delivery system. OmniMetrix remotely monitors emergency back-up power generation systems to increase their reliability. US Seismic supplies fiber optic sensing solutions to increase oil/gas production and lower costs. DSIT provides security solutions from underwater threats to naval and marine based energy assets. 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 under "Risk Factors" in the Company's Form 10-Q for the third quarter of 2013 filed by the Company with the Securities and Exchange Commission.

Company Contact:

Walter Czarnecki

VP Business Development

Tel: 302-245-8743

Email: wczarnecki@acornenergy.com

Investor & Press Contact:

F. Kent Leacock

VP External Affairs

Tel: 925-698-1431

Email: kleacock@acornenergy.com