



## **US Sensor Systems Selected for Multi-Site Maximum Security Project**

Northridge, CA – November 12, 2010 – US Sensor Systems Inc. (USSI), a subsidiary of Acorn Energy (Nasdaq: ACFN), announced today that its GroundAlert fiber optic perimeter security system has been selected for a multi-site maximum security project in Latin America valued at approximately \$0.6M. USSI is part of the team headed by PCSC of Torrance, CA, a leading global security solutions provider and manufacturer of building controls and security information systems.

“When it comes to total price and performance, USSI’s technology stands head and shoulders above the competition”, stated Mas Kosaka, CEO of PCSC, “and these initial sites could lead to hundreds of sites planned for the entire project.”

USSI’s new fiber optic perimeter security system, powered only by light, utilizes highly sensitive, yet unobtrusive fiber optic microphonic sensing cables buried along a fence perimeter to detect attempts to dig/tunnel underneath the fence.

“The worldwide demand for security systems is dramatically increasing, yet the existing decades-old security technology cannot scale up to meet the demand due to its high installation and upkeep costs” states Jim Andersen, USSI CEO, “Because our optical sensor cables require no electronics or electrical power in the field, the savings in installation and maintenance costs are enormous, and all system calibrations/adjustments can be performed from a desktop in a control room.”

### **About US Sensor Systems**

US Sensor Systems Inc. (“USSI”) designs, integrates, manufactures, and sells fiber optic sensing systems and solutions for the Energy and Defence markets. USSI utilizes all-optical fiber sensing technology for its state-of-the-art sensors. Use’s proprietary optical fiber and electronics combine to form the sensor system. It is designed to replace the legacy electronic-based sensor systems at a lower cost and with improved performance and reliability. For more information visit the USSI website at: [www.ussensorsystems.com](http://www.ussensorsystems.com).

### **About Acorn Energy**

Acorn Energy, Inc. (NASDAQ: ACFN) is a publicly-traded holding company with equity interests in CoaLogix, DSIT, GridSense and U.S. Sensor Systems Inc. These companies leverage advanced technologies to transform and upgrade the energy infrastructure around the world. Acorn companies are focused on three problems in the energy sector: improving the efficiency of the energy grid, reducing the risk for owners of large energy assets, and reducing the environmental impact of the energy sector. Acorn's strategy is to take primarily controlling positions in companies led by great entrepreneurs. 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 US Sensor Systems Inc. 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.*

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