

DSIT Solutions Ltd., an Acorn Energy Company, Receives an Order for Six Portable Diver Detection Sonar Systems for the Protection of Naval Vessels

Givat Shmuel, Israel, November 12 , 2012: DSIT, an Acorn Energy Inc. (NASDAQ:ACFN) company, announced today receipt of an order for six of its PointShield™ Portable Diver Detection Sonar (PDDS) systems. The PointShield™ PDDS units were ordered by a large defense integrator for use by a Navy to protect its naval vessels at anchor at home and at remote points of berth.

The end user is a repeat customer for DSIT's underwater security systems, who has already purchased both DSIT's AquaShield™ Diver Detection (DDS) systems and PointShield™ PDDS systems.

"We are hearing from an increasing number of customers that the protection of naval vessels as well as the protection of yachts from the threat of underwater approach is a burning issue that has until now slipped under the wire, so to speak, and is now being viewed as very important and urgent," said Dan Ben-Dov, DSIT's VP Sales and Marketing. "Ships, even naval ships, are quite vulnerable when at anchor, and the best way to protect them from the threat of underwater attack and sabotage is by equipping them with effective portable underwater intruder detection devices. Providing long range detection and fully automatic classification without the need for a trained human operator, DSIT's PointShield™, is perfectly designed for this purpose. "

"DSIT has been increasing both personnel and manufacturing capabilities to meet the growing number of orders that have been received for our underwater security systems," commented Benny Sela, DSIT's CEO. "We also view with much satisfaction the fact that we are receiving repeat orders from our customers, a fact which indicates their satisfaction and trust in DSIT's Shield™ family of diver detection sonar systems."

About DSIT

DSIT develops sonar and acoustic solutions and acts as a system integrator for advanced Security Command and Control systems. The Company's offerings are designed to provide the latest in technology and its intelligent application for the energy, commercial, defense and homeland security markets. The Company's offerings include: AquaShield™ Diver Detection Sonar (DDS), PointShield™ PDDS, Sonar Simulators and Trainers, MAR Portable Acoustic Ranges, Underwater Acoustic Signal Analysis (UASA) systems, and Sonar Upgrade Programs (SUP). For more information visit www.dsit.co.il

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 report as filed by Acorn Energy with the Securities and Exchange Commission.

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