

DSIT Discloses the Israeli Navy as One of its Customers for the AquaShield™ and PointShield™ Diver Detection Sonar Systems

Givat Shmuel, Israel (February 22, 2012) DSIT Solutions Ltd., a subsidiary of Acorn Energy, Inc. (NASDAQ: ACFN), disclosed today the fact that the Israeli navy has purchased and is using the company's AquaShield™ Diver Detection Sonar (DDS) and PointShield™ Portable Diver Detection Sonar systems. The company provided the systems to the Israeli Navy following a comprehensive review and evaluation process in which the Navy investigated competing systems and selected those of DSIT.

Commander R. Leshem, Head of the Israeli Navy's ASW branch, commented "We have been operating both the AquaShield™ Diver Detection Sonar and PointShield™ Portable Diver Detection Sonar systems for quite some time now, to our complete satisfaction. We operate these systems around the clock to protect critical coastal sites and marine assets. We have found that these systems are reliable, easy to work with, and provide a good answer to our operational requirements. I definitely would not like to be a combat diver on an attack mission facing one of these underwater surveillance systems."

Dan Ben-Dov, DSIT's VP Sales & Marketing, said, "A few years ago, we were very pleased to be the only diver detection sonar manufacturer to successfully pass the Israeli Navy's strict evaluation process. The Israeli Navy is reputed worldwide for its advanced anti-terrorism activities, so their decision to procure DSIT's underwater security systems was an important endorsement of our technology. Today, the fact that the Israeli Navy has made our systems an integral part of its ongoing operations is even more gratifying as it highlights DSIT's position as a leader in the market for underwater port security solutions."

Benny Sela, DSIT's CEO, commented that, "We greatly value our good working relations with the Israeli Navy, which has been an important source of feedback regarding their operation of our systems, and are proud to be a vital element in their advanced security framework. DSIT is continuing to enhance its systems based on feedback from all of our customers."

John Moore, CEO of Acorn Energy added: "We are honored and pleased that the Israeli Navy shares our confidence in DSIT's products and team. Benny and Dan continue to do an outstanding job of not only making the sale, but also effectively collaborating with their customers on a continual basis to ensure optimal performance of the critical security monitoring systems required by today's tumultuous, world-wide conditions."

About DSIT

DSIT develops sonar and acoustic solutions and acts as a system integrator for advanced Security and Safety 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: PortView Harbor Surveillance System (HSS), AquaShield™ Diver Detection Sonar (DDS) and PointShield™ Portable Diver Detection Sonar (PDDS), Sonar Simulators and Trainers, Mobile Acoustic Ranges (MAR), 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. is a holding company focused on making energy better by providing digital solutions for energy infrastructure asset management. The four businesses in which we have 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 DSIT 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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