

DSIT Solutions, an Acorn Energy Company, Invited to Present a Case Study at the Oil & Gas Critical Infrastructure & Asset Security Forum

Givat Shmuel, Israel, August 29, 2012: DSIT Solutions Ltd. an Acorn Energy company (NASDAQ:ACFN), has received an invitation from the Oil & Gas Critical Infrastructure & Asset Security Forum to present a case study at their international exhibit and forum to take place in Vienna, Austria September 19 – 21, 2012. DSIT will be presenting on the morning of September 20th, the second day of the event. The forum gathers together industry leaders, senior-level security personnel, and business resilience and safety personnel to examine security issues related to both offshore and onshore oil and gas infrastructure arising out of civil unrest, terrorist activities, and a competitive global market.

“It is gratifying to see that today the energy industry is becoming aware of and concerned with the risks and dangers involved in underwater threats to its critical coastal and offshore assets at the same time that we have assembled the solutions for the energy industry to affordably protect itself,” said Dan Ben-Dov, DSIT’s Vice President Sales & Marketing. “We are pleased to have this outstanding opportunity to discuss with those people in the industry who are responsible for dealing with security issues our operational solutions for underwater site security. We will be addressing the underwater threats to critical oil and gas infrastructure, the terrible consequences of such attacks and of course, the full set of solutions that DSIT is already providing to its energy customers around the world to meet the unique challenges associated with underwater surveillance.”

The focus of the event will be on key technologies in use for intrusion detection, perimeter security, maritime surveillance, data protection and cyber security. A large number of industry leaders and experts from around the world have already confirmed their participation in the event.

Benny Sela, DSIT’s CEO added: “As part of the Acorn Energy group of companies, DSIT views the invitation to this forum as a great opportunity to further Acorn's goal of “making energy better” by providing state-of-the-art solutions to threats against critical marine based energy infrastructure around the globe. The existence of over 3, 000 varied energy related facilities represents a soft target universe that must be more than adequately protected to ensure stability in delivery which could impact global energy prices and in turn local and global economies.”

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™ Portable DDS, 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) 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.