

DSIT Receives Another Nuclear Power Plant Order for its Underwater Security System

Givat Shmuel, Israel (September 8, 2014) DSIT Solutions Ltd., a subsidiary of Acorn Energy, Inc. (NASDAQ: [ACFN](#)), announced today that it has received another order for its Underwater Security System for the protection of a Nuclear Power Plant. The Underwater Security System ordered is based on a special version of the company's best-selling AquaShield™ Diver Detection Sonar. This special version is specifically tailored to provide superior performance against any type of intruder approaching the nuclear power plant's highly reverberant water intake. The threats that the system is designed to counter include scuba and combat divers, divers using Diver Propulsion Vehicles (DPV) and Unmanned Underwater Vehicles (UUV).

Dan Ben-Dov, DSIT's Vice President for Sales and Marketing commented, "Less than two weeks after announcing an order for an underwater security system for a European nuclear power facility, we are very excited to announce another important order for an underwater surveillance system for an additional nuclear power station. We are both thankful and proud for this vote of confidence shown to us by one of the world's leading nuclear power plant operators. This order further strengthens our belief that there are significant growth opportunities for DSIT in this segment of the market. "

From a security point of view, the weak point in many Nuclear Power Facilities is their water intake system. Many nuclear power facilities use water to cool the plant reactors by sucking in large volumes of water through the water intake and into the core of the plant. This water intake creates an opportunity for unauthorized intruders to break into the facility. DSIT's underwater monitoring systems are especially designed to counter such threats and eliminate this weakness in security.

Benny Sela, CEO of DSIT, added, "DSIT's high performance systems provide long detection ranges for threats and intruders to provide the protected site operator with sufficient time to evaluate the threat and respond to it accordingly. With its fully automatic detection at long ranges, the AquaShield™ perfectly serves this concept. The ordered system's installation is planned for the end of 2014."

About DSIT

DSIT develops and produces sonar applications for the defense, HLS, energy and commercial markets. The company employs a world-class multi-disciplinary team of professionals that are skilled in the latest sonar and real-time technologies. DSIT products include: the Shield family of Diver Detection Sonars, Portable Acoustic Ranges, Underwater Acoustic Signal Analysis systems, sonar simulators and trainers and various additional products in this field. DSIT is also in the process of developing innovative Fiber-Optic based sensors. For more information visit www.dsit.co.il

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 Systems® 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 DSIT will continue to grow their respective businesses, or that either 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 DSIT 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.

CONTACT

Idoh Ophir

Sales & Marketing Manager

DSIT Solutions Ltd.

+972 3 531 3333

marketing@dsit.co.il